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## MAYOR'S ADDRESS

TO THE CITY COUNCIL,

## CITY GOVERNMENT,

ANNUAL REPORTS, ETC.,

For the Year 1899-1900.



NEW BEDFORD:  
MERCURY PUBLISHING CO., CITY PRINTERS,  
1900.





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1900—CITY DOCUMENT No. 1.

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## Sixth Inaugural Address

OF

# Hon. Charles S. Ashley

MAYOR OF NEW BEDFORD

AT THE

INAUGURATION OF THE CITY GOVERNMENT

JANUARY 1, 1900.



NEW BEDFORD:  
MERCURY PUBLISHING CO., CITY PRINTERS,  
1900.





SIXTH INAUGURAL ADDRESS

OF

HON. CHARLES S. ASHLEY.

---

*Gentlemen of the City Council :*

Today you enter upon the discharge of your official duties as the representatives of a great municipality, which has intrusted to your judgment and wisdom the management and control of its affairs during the forthcoming municipal year.

Upon your judgment and wisdom in the performance of these duties will depend, largely, the interests and welfare of the City of New Bedford during your terms of office, and the trust reposed in you demands the exercise of your best judgment and greatest wisdom to the end that every interest of the city shall be guarded and administered by you with such economy and frugality as shall secure to it the greatest possible benefits at the smallest possible cost.



To discharge this duty and execute this trust in accordance with your obligations, under your official oaths, you should so familiarize yourselves with the financial and material requirements of your city that no measure can come before you upon which you cannot act intelligently.

You are to be ever mindful that to you belongs the sole power to determine what is for the best interests of your city, and to me is given merely the power of veto over your official acts, and that power can only be exercised by assigning proper objections which the City Council, by concurrent vote, have full power to overrule and set aside.

I have entire confidence that the City Council of 1900 will so protect the interests of New Bedford that harmony and good will shall guide us in the discharge of our official duties.

Our beloved city has but emerged from a baptism of financial disaster, and we must not permit ourselves to be led into the temptation of extravagance by the return of that prosperity long deferred.

Rather let us profit by experience and resolve that the affairs of our city shall be so conducted that confidence shall stimulate every industry, and bring to our city that measure of prosperity which the skill, energy and advanced intelligence of her citizens merit, and which her unsurpassed facilities for the increase of her commerce and domestic industries demand.

Let us be ever mindful that the growth and prosper-

ity of our city largely depends upon the prudent management of her municipal affairs.

Extravagance and wastefulness in the departments of the City Government increase the burden of taxes imposed upon her industries and property holders, thereby retarding her business expansion and closing her doors in the face of new industries vital to her further development as a strong and progressive municipality.

Let every department be conducted with an eye single to its highest efficiency consistent with economy. This, the interest of the tax payers, who bear the burden of the expense which you authorize or incur, demand; and the splendid indorsement which your administration received at the hands of the citizen tax payers, and by which we have been retained to manage their municipal affairs, compel us to so manage those affairs that we shall prove ourselves worthy of the great confidence and trust so generously bestowed.

In no other way can we demonstrate our due appreciation of the honor we have received from the hands of our fellow citizens.

You will see by the report of your City Treasurer that the net expenditures of the city during the year 1899 were \$365,016.52 less than the net expenditures during the year 1898.

Let it be your aim, notwithstanding the calls that will be made upon you by the various departments, however persistently the same may be urged, that the



decrease in our municipal expenditures for the ensuing year shall not only be equal to, but materially greater than has been the decrease in our expenditures in the year which has just come to its close.

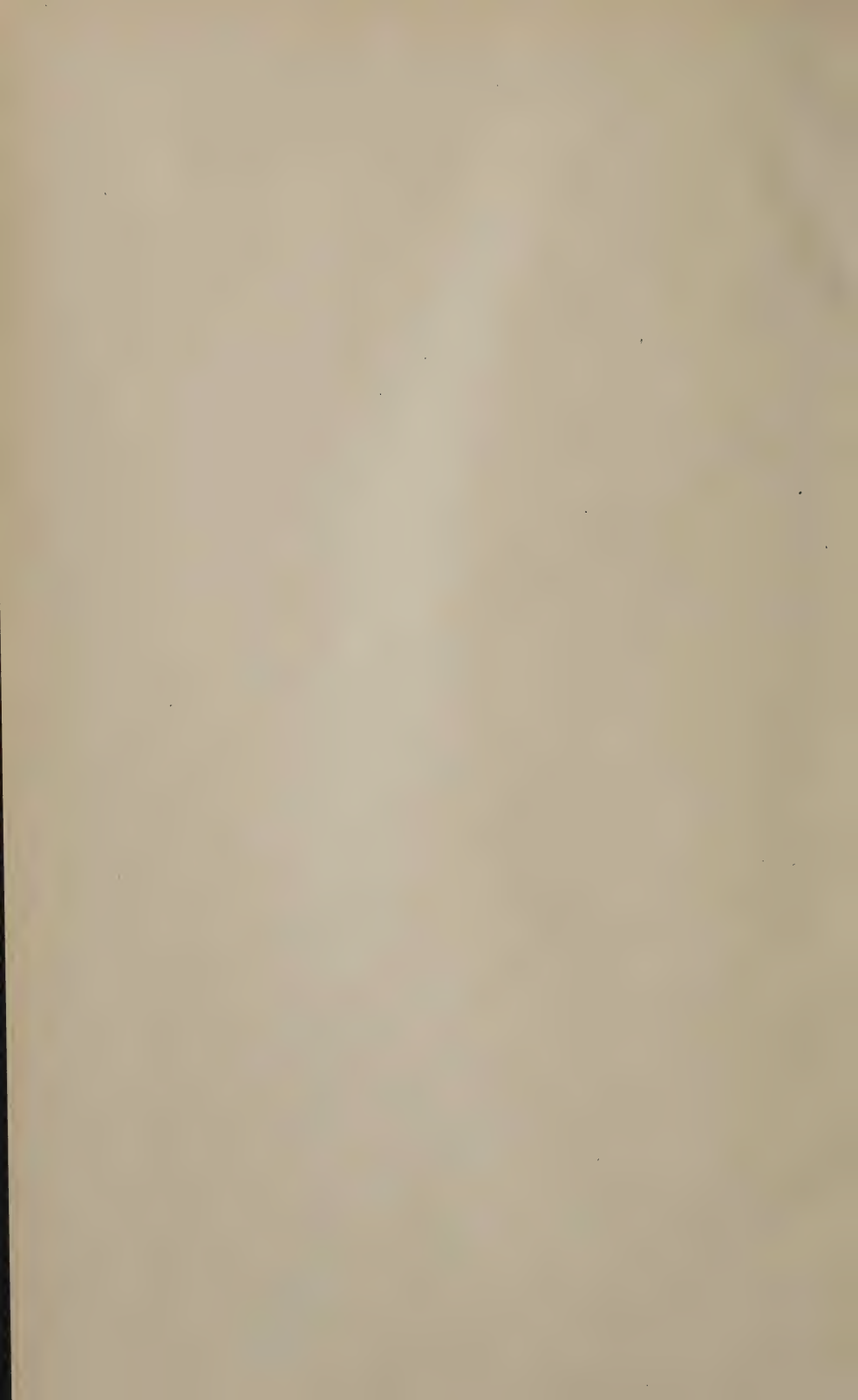
I am compelled to say to you, however, that while the departments can be carried on without adding to the amount expended by them the past year, the City of New Bedford will be compelled to provide increased public school facilities for pupils during the coming year to satisfy the requirements of the laws of this Commonwealth.

I shall not occupy your time by reading to you the reports from the heads of the various departments. They are matters which require your most careful consideration, and will be furnished to each of you, that you may be enabled to so inform yourselves concerning the affairs of the city that you can act promptly and intelligently upon all matters which may be laid before you.

And now, gentlemen of the City Council, sincerely trusting that you will find much pleasure in the performance of your official duties during the coming municipal year, and thanking you for your careful and considerate attention, I have the honor to close the ceremonies of the inauguration of 1900, that you may retire to your respective departments to complete your organizations.







# CITY GOVERNMENT,

## 1900.

---

MAYOR.

HON. CHARLES S. ASHLEY.

---

ALDERMEN.

Ward 1—HENRY P. JENNEY.  
Ward 2—LOUIS Z. NORMANDIN.  
Ward 3—CHARLES H. BROWNELL.  
Ward 4—CHARLES H. LAWTON.  
Ward 5—GEORGE H. HEDGE.  
Ward 6—CHARLES E. ELLIS.

---

CITY CLERK.

DANIEL B. LEONARD.

---

CITY TREASURER AND COLLECTOR OF TAXES.

JAMES H. HATHAWAY.

---

CITY AUDITOR.

CHARLES J. MCGURK.

---

CITY MESSENGER.

AUGUSTUS D. PIPER.

## COMMON COUNCIL.

PRESIDENT—JOHN L. G. MASON.

*Ward One.*

Harmidas P. Dion,  
Ernest Findeisen,  
Joseph H. Sullivan,  
Francis P. Washburn,

*Ward Two.*

Frederick A. Dammon,  
James Davidson,  
Samuel Higham,  
Patrick H. Reardon.

*Ward Three.*

William T. Caswell,  
Charles W. Jones,  
John L. G. Mason,  
William B. Perry.

*Ward Four.*

Robert S. Gorham,  
George D. Richards,  
William E. Smith,  
Matthew Pope Wood.

*Ward Five.*

Clifton H. Cornish,  
Charles M. Davenport,  
Amos W. Hadley,  
William C. Hawes.

*Ward Six.*

Robert Cooke,  
John Hannigan,  
Edward F. Penney,  
John Waldron.

Clerk—WILLIAM A. MACKIE.

## STANDING COMMITTEES OF THE BOARD OF MAYOR AND ALDERMEN.

*Police*—The Mayor, and Aldermen Hedge and Ellis.*Licenses*—Aldermen Ellis, Jenney and Hedge.*Burial Grounds*—Aldermen Hedge, Jenney and Lawton.*Enrollment*—Aldermen Ellis, Normandin and Brownell.*Soldiers' Aid*—The Mayor, and Aldermen Brownell and Lawton.

## JOINT STANDING COMMITTEES OF THE CITY COUNCIL.

*Finance*—The Mayor, and Alderman Lawton, the President of the Common Council, and Councilmen Findeisen, Higham, Smith, Davenport and Cooke.*Audit*—Aldermen Jenney and Brownell, and Councilmen Higham, Smith and Penney.*City Property*—Aldermen Brownell and Jenney, and Councilmen Higham, Richards and Smith.*Fuel*—The Mayor, and Alderman Ellis, and Councilmen Reardon, Richards and Perry.*Education*—Aldermen Lawton and Normandin, and Councilmen Washburn, Richards and Cornish.



- Fire Department*—Aldermen Ellis and Normandin, and Councilmen Jones, Davidson and Cooke.
- Charities, Almshouse and the Poor*—Aldermen Brownell and Lawton, and Councilmen Davidson, Wood and Hadley.
- Street Lights*—Aldermen Jenney and Normandin, and Councilmen Sullivan, Penney and Hannigan.
- Printing*—Aldermen Normandin, and Councilmen Caswell and Jones.
- Buildings in the Fire District*—Aldermen Lawton and Hedge, and Councilmen Washburn, Caswell and Hawes.
- Armories and Military Property*—Aldermen Normandin and Hedge, and Councilmen Dion, Sullivan and Hadley.
- Water Works and Water Supply*—Aldermen Jenney and Brownell, and Councilmen Findeisen, Gorham and Hannigan.
- Claims*—Aldermen Lawton and Hedge, and Councilmen Dion, Wood and Davenport.
- Ordinances*—Aldermen Hedge and Normandin, and Councilmen Dammon, Gorham and Waldron.
- Wharves*—Aldermen Lawton and Ellis, and Councilmen Davidson, Caswell and Waldron.

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STANDING COMMITTEES OF THE COMMON COUNCIL.

- Elections and Returns*—Councilmen Perry, Hadley and Hawes.
- Bills in Second Reading*—Councilmen Dammon, Cornish and Reardon.
- Enrolled Ordinances*—Councilmen Washburn, Wood and Waldron.

**ASSESSORS.**

Office, Library Building, Room 6.

CHARLES H. L. DELANO, Chairman, 3 years.

CHARLES F. SHAW, 1 year.

THOMAS F. HEALEY, 2 years.

**ASSISTANT ASSESSORS.**

Ward 1—JOHN H. FINNEL.

Ward 2—ARTHUR B. CHAPPELL.

Ward 3—HENRY C. RUSSELL.

Ward 4—GIDEON H. ALLEN.

Ward 5—WILLIAM J. ABRAMS.

Ward 6—GEORGE ENGLAND.

---

**BOARD OF HEALTH.**

Office, 52 Pleasant Street.

WILLIAM G. KIRSCHBAUM, Term expires February, 1900.

JOHN T. BULLARD, Term expires February, 1901.

MANUEL V. SYLVIA, Term expires February, 1902.

WILLIAM G. KIRSCHBAUM, Chairman.

WILLIAM E. BROWNELL, City Physician and Quarantine  
Physician.

**CLERK.**

SUSIE J. SMALL.

**HEALTH INSPECTOR.**

WILLIAM E. MACOMBER.

**INSPECTOR OF PLUMBING.**

LOUIS H. RICHARDSON.

---

**NEW BEDFORD WATER WORKS.****NEW BEDFORD WATER BOARD.**

His Honor, CHARLES S. ASHLEY, Mayor, *ex officio* President.

JOHN L. G. MASON, President of Common Council, *ex officio*.

THOMAS B. TRIPP, Term expires June, 1900

ROBERT W. TABER, Term expires June, 1901

SAMUEL C. HUNT, Term expires June, 1902.

## CLERK.

ROBERT C. P. COGGESHALL.

## WATER REGISTRAR.

JAMES H. HATHAWAY.

Office, Room 2, Library Building.

## SUPERINTENDENT.

ROBERT C. P. COGGESHALL.

Office, City Hall Building.

## INSPECTOR.

CLIFFORD BAYLIES.

Office, Room 2, Library Building.

## COMMISSIONERS OF SINKING FUNDS.

MORGAN ROTCH,

Term expires March, 1901.

WILLIAM A. MACKIE,

Term expires March, 1902.

BENJAMIN F. BROWNELL,

Term expires March, 1903.

Chairman.

JAMES H. HATHAWAY, Secretary and Treasurer.

## OVERSEERS OF THE POOR.

A. H. W. CARPENTER,

Term expires May 1, 1901.

CHARLES S. PAISLER,

Term expires May 1, 1902.

EZEKIEL C. GARDINER,

Term expires May 1, 1903.

CHARLES S. PAISLER, Chairman.

Secretary—A. H. W. CARPENTER.

Messenger—AUGUSTUS A. WOOD.

Clerk—ELLA F. BUCKLYN.

Supt. Almshouse and Farm—FREEMAN H. ASHLEY.

Physicians—JAMES F. SULLIVAN, J. B. THUOT.

## FREE PUBLIC LIBRARY.

## TRUSTEES.

*Ex-officio. Terms expire January, 1899.*

CHARLES S. ASHLEY, Mayor of the City.

JOHN L. G. MASON, President of the Common Council.

CHARLES H. LAWTON, Alderman and Chairman of the Committee  
of the City Council on Education.



*Elected by the City Council.*

LEMUEL LEB. HOLMES,	Term expires April, 1901.
FRANCIS M. KENNEDY,	Term expires April, 1901.
WALTER S. ALLEN,	Term expires April, 1902.
WILLIAM L. SAYER,	Term expires April, 1902.
ISAAC B. TOMPKINS, JR.,	Term expires April, 1903.
MATTHEW C. JULIEN,	Term expires April, 1903.

## PRESIDENT OF THE BOARD.

THE MAYOR.

## CLERK.

WILLIAM L. SAYER.

## COMMITTEES.

*On the Library*—Messrs. JULIEN and HOLMES.*On Finance*—Messrs. ALLEN and TOMPKINS.*On the Building*—Messrs. TOMPKINS and SAYER.

## LIBRARIAN.

ROBERT C. INGRAHAM.

## ASSISTANT LIBRARIAN.

B. W. PENNOCK.

## ASSISTANTS.

JOSEPHINE A. MERRICK,	SUSIE H. GAMMONS,
ETTA F. LAWRENCE,	FLORENCE E. FARWELL,
ANNA H. DEWOLF,	CLEMENT YAEGER.

## JANITOR.

YORICK W. AMES.

---

BOARD OF PUBLIC WORKS.

Office, Odd Fellows Building.

His Honor, CHARLES S. ASHLEY, Mayor, *ex officio* Chairman.JOHN L. G. MASON, President of the Common Council *ex officio*.

F. WILLIAM OESTING, Term expires May 1, 1901.

JOHN ELDRIDGE, JR., Term expires May 1, 1902.

MORGAN ROTCH, Term expires May 1, 1903.

## CLERK.

WILLIAM S. COOK.

## SUPERINTENDENT.

CHARLES F. LAWTON.

**BOARD OF PARK COMMISSIONERS.**

Office, Merchants Bank Building.

JAMES B. COOK,	Term expires June, 1901.
A. EDWIN CLARKE,	Term expires June, 1902.
JAMES E. MOORE,	Term expires June, 1903.
SAMUEL P. RICHMOND,	Term expires June, 1904.
JOHN J. HOWLAND,	Term expires June, 1905.

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SUPERINTENDENT OF BRIDGE AND DRAW TENDER.

WILLIAM DOWNEY.

---

CITY SOLICITOR.

BENJAMIN B. BARNEY.

---

**CEMETERY BOARD.**

JOHN G. NICHOLSON,	Term expires May 1, 1901.
CHARLES H. VINAL,	Term expires May 1, 1902.
JAMES DELANO,	Term expires May 1, 1903.
Chairman—JAMES DELANO.	
Secretary—CHARLES H. VINAL.	

SUPERINTENDENT.

CHARLES F. CORNELL.

---

SEALER OF WEIGHTS AND MEASURES.

JOHN N. O'BRIEN.

---

SUPERINTENDENT OF PUBLIC BUILDINGS AND BUILDINGS IN THE  
FIRE DISTRICTS.

EDMUND O'KEEFE.

---

INSPECTOR OF BUILDINGS.

EDMUND O'KEEFE.

SUPERINTENDENT OF CITY CLOCK.

WILLIAM B. WOOD.

---

CITY BELL RINGER.

CORNELIUS A. WEBB.

---

CITY ENGINEER.

WILLIAM F. WILLIAMS.

---

HARBOR MASTER.

CHARLES H. CRAGEN.

---

INSPECTOR OF PETROLEUM AND VINEGAR.

FRANK R. DELANO.

Office, No. 17 Middle Street.

---

INSPECTOR OF MILK, ANIMALS AND PROVISIONS.

DANIEL C. ASHLEY.

Office, Southeast Corner Acushnet Avenue and Elm Street.

---

SUPERVISOR OF WIRES.

DANIEL D. BRIGGS.

---

REGISTRARS OF VOTERS.

EMANUEL SULLAVOU,

Term expires May, 1901.

WILLARD N. LANE,

Term expires May, 1902.

CHARLES T. LUCE.

Term expires May, 1903.

EMANUEL SULLAVOU, Chairman.

DANIEL B. LEONARD, Clerk.

Office, Basement City Hall Building.



## PRECINCT OFFICERS.

*Term of office expires Nov. 1, 1899.*

## WARD ONE, PRECINCT ONE.

Warden,	DANIEL J. SULLIVAN, D.
Clerk,	GEORGE B. BORDEN, R.
Inspector,	EDWARD P. CANNY, D.
"	EDWARD C. TABER, R.
"	MICHAEL E. DALEY, D.
"	CHARLES T. BROWNELL, R.

*Deputies.*

Warden,	JOHN K. SMITH, D.
Clerk,	WILLIAM F. CHACE, R.
Inspector,	FREDERICK C. DUNHAM, D.
"	NATHANIEL H. JENNEY, R.
"	WILLIAM O'NEIL, D.
"	EDWARD HUGHES, R.

## WARD ONE, PRECINCT TWO.

Warden,	GEORGE W. HILLMAN, R.
Clerk,	PETER F. SULLIVAN, D.
Inspector,	MICHAEL F. HARLOW, R.
"	JOHN E. MURPHY, D.
"	HENRY H. HACKING, R.
"	DANIEL J. CONNOLLY, D.

*Deputies.*

Warden,	JOSEPH MAGNANT, R.
Clerk,	JOSEPH A. SULLIVAN, D.
Inspector,	DAVID C. McWHINNIE, R.
"	PATRICK H. MURPHY, D.
"	WILLIAM W. PEASE, R.
"	CHARLES FRANCIS, D.

## WARD TWO, PRECINCT THREE.

Warden,	GEORGE P. MACOMBER, R.
Clerk,	LAWRENCE H. BARNEY, D.
Inspector,	CHARLES T. BURGESS, R.
"	BENJ. F. HATHAWAY, JR., D.
"	CHARLES L. FAUNCE, R.
"	ASA L. H. ALLEN, D.

*Deputies.*

Warden,	EDWARD H. CARTER, R.	
Clerk,	MICHAEL McDONNELL, D.	
Inspector,	EDWIN WHITTAKER, R.	
"		D.
"	GEORGE E. SAXON, R.	
"	DENNIS H. TOOMEY, D.	

## WARD TWO, PRECINCT FOUR.

Warden,	GEORGE K. DAMMON, R.
Clerk,	JOHN N. O'BRIEN, D.
Inspector,	PHILIP R. KING, R.
"	JOHN H. RYAN, JR., D.
"	WILLIAM M. HIGHAM, R.
"	JOSEPH P. H. CLARKE, D.

*Deputies.*

Warden,		R.
Clerk,	THOMAS J. MURPHY, D.	
Inspector,	JAMES H. BAMFORD, R.	
"	PETER J. RILEY, D.	
"	JAMES C. McNUTT, R.	
"	WILLIAM J. GLASGOW, JR., D.	

## WARD THREE, PRECINCT FIVE.

Warden,	JOSHUA B. ASHLEY, JR., D.	
Clerk,	CHARLES R. HATHAWAY, R.	
Inspector,	HENRY F. HAMMOND, D.	
"		R.
"	OBED S. COWING, D.	
"	AUGUSTUS G. MOULTON, R.	

*Deputies.*

Warden,	JOSEPH C. DESMOND, D.	
Clerk,	HARRY E. BORDEN, R.	
Inspector,	JOSHUA G. LAPHAM, D.	
"	PRINCE S. BORDEN, R.	
"	JOHN O'NEIL, D.	
"		R.

## WARD THREE, PRECINCT SIX.

Warden,	MICHAEL A. BAKER, D.
Clerk,	B. FRANKLIN WORDELL, R.
Inspector,	TIMOTHY CROWLEY, D.
"	STEPHEN HAFFORD, JR., R.
"	WILLIAM W. ATWOOD, D.
"	ARTHUR A. DEXTER, R.

*Deputies.*

Warden,	WILLIAM E. COOPER, D.
Clerk,	JOSEPH C. FORBES, R.
Inspector,	HENRY SMITH, D.
"	EDGAR A. LINCOLN, R.
"	ANDREW F. MITCHELL, D.
"	WILLIAM YORK, R.

## WARD FOUR, PRECINCT SEVEN.

Warden,	WILLIAM F. CASWELL, R.
Clerk,	WALTER R. MYRICK, D.
Inspector,	AUGUSTUS D. PIPER, R.
"	CHARLES F. DEAN, D.
"	ARTHUR C. SPOONER, R.
"	GEORGE E. YOUNG, D.

*Deputies.*

Warden,	JAMES B. RUSSELL, R.
Clerk,	JAMES A. YOUNG, D.
Inspector,	CHARLES F. GROW, R.
"	THOMAS J. PEED, D.
"	CHARLES L. RICKETSON, R.
"	EDWIN P. SOWLE, D.

## WARD FOUR, PRECINCT EIGHT.

Warden,	HENRY A. GRAY, D.
Clerk,	WILLIAM B. TOPHAM, R.
Inspector,	JOHN W. CARTER, D.
"	FRED D. BARROWS, R.
"	TIMOTHY S. DOWNEY, D.
"	WILLIAM E. CARROLL, R.



*Deputies.*

Warden,	D.
Clerk,	SETH W. GODFREY, R.
Inspector,	D.
"	R.
"	FELIX J. KANE, D.
"	WILLIAM A. CARROLL, R.

## WARD FIVE, PRECINCT NINE.

Warden,	JOHN C. EMERY, R.
Clerk,	CHARLES F. F. JONES, D.
Inspector,	ANTONE H. SENNA, R.
"	CHARLES D. RUSSELL, D.
"	CHARLES A. BENNETT, R.
"	GEORGE P. RICHARDSON, D.

*Deputies.*

Warden,	GEORGE F. CURRY, R.
Clerk,	MICHAEL CLARK, D.
Inspector,	HARRY C. VAUGHAN, R.
"	RODOLPHUS A. SWAN, D.
"	R.
"	FRANK P. P. TUEL, D.

## WARD FIVE, PRECINCT TEN.

Warden,	CHARLES F. BRIGGS, D.
Clerk,	AMOS W. HADLEY, R.
Inspector,	MICHAEL T. FRANCIS, D.
"	DAVID M. PIPER, R.
"	GEORGE A. CAVANAUGH, D.
"	CHARLES A. S. SHERMAN, R.

*Deputies.*

Warden,	JAMES J. DONAGHY, D.
Clerk,	MERTON L. HATHAWAY, R.
Inspector,	DANIEL G. DINNIGAN, D.
"	R.
"	CHARLES B. ALLISON, D.
"	LEANDER G. MARKHAM, R.

## WARD SIX, PRECINCT ELEVEN.

Warden,	WILLIAM N. NELSON, D.
Clerk,	LEANDER A. WILLISTON, R.
Inspector,	JOHN F. CARNEY, D.
"	GEORGE S. MOTTRAM, R.
"	JOHN J. MEANEY, D.
"	ANDERSON H. SWIFT, R.

*Deputies.*

Warden,	JOHN W. SPENCER, D.
Clerk,	DAVID BROMLEY, R.
Inspector,	FRANK M. JENNINGS, D.
"	ALFRED CLARKSON, R.
"	MICHAEL STAPLETON, D.
"	WALTER W. SNAILHAM, R.

## WARD SIX, PRECINCT TWELVE.

Warden,	MARSHALL S. GREENE, R.
Clerk,	NORMAN BARSTOW, D.
Inspector,	WILLIAM W. BONNEY, R.
"	GEORGE L. JENNINGS, D.
"	DANIEL E. NELSON, R.
"	WILLIAM C. DEMELLO, D.

*Deputies.*

Warden,		R.
Clerk,	MANUEL A. WILLIAMS, D.	
Inspector,	CHARLES E. ALLEN, R.	
"	MICHAEL CROWE, D.	
"	FRANCIS THORLEY, R.	
"	HENRY M. WHELAN, D.	

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WARD LINES.

## CITY OF NEW BEDFORD,

## IN BOARD OF ALDERMEN,

April 25, 1895.

*Ordered,* That in conformity with section 96 of chapter 417 of the Acts of the Legislature of the Commonwealth, in the year 1893, the several wards of the city, until the first day of May, 1895, and until otherwise ordered, be and they are hereby divided and established according to the following described lines, to take effect January 1, 1896:

*Ward One.* All that portion of the city lying north of a line beginning at the river, and drawn through the centre of Linden street to Ashland street, thence through the centre of Ashland street to Durfee street, and thence through the centre of Durfee street to the west line of the city, will constitute Ward One.

*Ward Two.* All that portion of the city lying between a line drawn from the river through the centre of Linden street to Ashland street, thence through the centre of Ashland street to Durfee street, thence through the centre of Durfee street, to the west line of the city and a line drawn from the river through the centre of Campbell street to County street, thence through the centre of County street to Sycamore street, thence through the centre of Sycamore street to Cedar street, thence through the centre of Cedar street to Smith street, and thence through the centre of Smith street to the west line of the city, will constitute Ward Two.

*Ward Three.* All that portion of the city lying between a line drawn from the river through the centre of Campbell street to County street, thence through the centre of County street to Sycamore street, thence through the centre of Sycamore street to Cedar street, thence through the centre of Cedar street to Smith street, thence through the centre of Smith street to the west line of the city, and a line drawn from the river through the centre of High street to County street, thence through the centre of County street to Kempton street, thence through the centre of Kempton street to the west line of the city, will constitute Ward Three.

*Ward Four.* All that portion of the city lying between a line drawn from the river through the centre of High street to County street, thence through the centre of County street to Kempton street, thence through the centre of Kempton street to the west line of the city, and a line drawn from the river through the centre of School street to County street, thence through the centre of County street to Arnold street, and thence through the centre of Arnold street to the west line of the city, including Fish and Pope's Islands, will constitute Ward Four.

*Ward Five.* All that portion of the city lying between a line drawn from the river through the centre of School street to County street, thence through the centre of County street to Arnold street, thence through the centre of Arnold street to the west line of the city, and a line drawn from the river through the centre of Grinnell street to Fourth street, thence through the centre of Fourth street to Washington street, thence through the centre of Washington street to Dartmouth street, thence through the centre of Dartmouth street to Grape street, thence through the centre of Oak and Grape streets to Rockdale

avenue, thence through the centre of Rockdale avenue to Allen street, and thence through the centre of Allen street to the west line of the city, will constitute Ward Five.

*Ward Six.* All that portion of the city lying south of a line drawn from the river through the centre of Grinnell street to Fourth street, thence through the centre of Fourth street to Washington street, thence through the centre of Washington street to Dartmouth street, thence through the centre of Dartmouth street to Oak street, thence through the centre of Oak and Grape streets to Rockdale avenue, thence through the centre of Rockdale avenue to Allen street, and thence through the centre of Allen street to the west line of the city, including Palmer's Island, will constitute Ward Six.

Adopted in concurrence.

Approved by the Mayor, April 27, 1895.

## VOTING PRECINCTS.

CITY OF NEW BEDFORD,

IN BOARD OF ALDERMEN,

April 23, 1896.

*Whereas*, By the provisions of chapter 417 of the Acts of the Legislature of 1893, it is made imperative that this Board divide the city into convenient voting precincts for the holding of all meetings for the choice of all officers who are elective by the people, it is hereby

*Ordered*, That the several wards of the city be, and they are hereby divided into voting precincts for the holding of all meetings for the choice of all officers who are elective by the people, and that the dividing lines of said precincts be as hereinafter defined.

### IN WARD ONE.

Said line shall begin at a point in the channel of the Acushnet river formed by the extension of the centre of Cedar Grove street, thence westerly in said extended line, and in the centre of Cedar Grove street to the centre of Cottage street, thence through the centre of Cottage street to the centre of Sutton street, thence west in the centre of Sutton street to the centre of Shawmut avenue, thence south in the centre of Shawmut avenue to the centre of Durfee street, thence west in the centre of Durfee street in a straight line to the boundary line between the town of Dartmouth and the city of New Bedford. The precincts in said ward being further defined as follows: All that part of said ward lying north and west of the said division line shall be and is hereby made a voting precinct to be known as precinct Number One; all that



part of said ward lying south and east of the said division line shall be and is hereby made a voting precinct to be known as Precinct Number Two.

IN WARD TWO.

Said line shall begin at a point formed by the extension of a line through the centre of County street at its intersection with Linden street, thence south through the centre of County street to the centre of Locust street, thence through the centre of Locust street to the centre of Chestnut street, thence south through the centre of Chestnut street to a point in said Chestnut street at its intersection with a line formed by the extension of a line through the centre of Sycamore street. The precincts in said ward being further defined as follows: All that part of said ward lying east of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Three; all that part of said ward lying west of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Four.

IN WARD THREE.

Said line shall begin at a point in the centre of County street intersecting with a line formed by the extension of a line through the centre of Sycamore street, thence south through the centre of County street to its intersection with a line formed by the extension of a line through the centre of High street. And is further defined as follows: All that portion of said ward lying east of said division line as drawn through the centre of County street shall be and is hereby made a voting precinct to be known as Precinct Number Five; all that portion west of said division line as drawn through the centre of County street shall be and is hereby made a voting precinct to be known as Precinct Number Six.

IN WARD FOUR.

Said line shall begin at a point in the centre of Kempton street at its intersection with a line formed by the extension of a line through the centre of Summer street, thence south through the centre of Summer street to its intersection with a line formed by the extension of a line through the centre of Elm street, thence west through the centre of Elm street to the centre of Cottage street, thence south in the centre of Cottage street to a point at its intersection with a line formed by the extension of a line through the centre of Arnold street. And is further defined as follows: All that portion of said ward lying east of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Seven; all that portion lying west of said division line is hereby made a voting precinct to be known as Precinct Number Eight.

## IN WARD FIVE.

Said line shall begin at a point in the centre of County street, and in the centre of School street, thence south in the centre of County street to the centre of Bedford street, thence east in the centre of Bedford street to the centre of South Sixth street, thence south in the centre of South Sixth street to its intersection with the centre of County street, thence in the centre of County street to its intersection with a line drawn through the centre of Washington street. The precincts in said ward being further defined as follows: All that portion of said ward lying east of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Nine; and all that part of said ward lying west of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Ten.

## IN WARD SIX.

Said line shall begin at a point in the centre of Fourth street at its intersection with the centre of Grinnell street, thence south in the centre of Fourth street to the centre of Rivet street, thence westerly in the centre of Rivet street to the centre of County street, thence southerly in the centre of County street to Clark's Cove, so called. The precincts in said ward being further defined as follows: All that portion of said ward lying east of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Eleven; all that portion of said ward lying west of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Twelve.

ADOPTED.

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FIRE DEPARTMENT.

## CHIEF ENGINEER.

FREDERICK MACY, Term expires January, 1903.  
Office, City Hall Building.

## ASSISTANT ENGINEERS.

First—LORING T. PARLOW, Term expires April, 1903.  
Second—EDWARD F. DAHILL, Term expires April, 1902.  
Third—JAMES J. DONAGHY, Term expires April, 1901.  
Fourth—ROBERT WOOLFENDEN, JR., Term expires April, 1904.

## CLERK OF BOARD OF ENGINEERS.

FRED B. MACY.

## MEMBERS OF THE NEW BEDFORD PROTECTING SOCIETY.

*(Special Police Officers, to serve at fires.)*

Akin, Thomas B.	Haskell, Charles M.	Pitman, William H.
Allen, George H. H.	Holden, Charles H.	Potter, William F.
Allen, Gideon	Howland, John J.	Read, William F.
Bamford, James H.	Humphrey, J. L. Jr.,	Robins, Arthur E.
Bamford, William	Hutchinson, Henry S.	Robinson, William A.
Bennett, George W.	Kelley, Charles S.	Rotch, Morgan
Bentley, Lewis E.	Kingman, G. D.	Richardson, Louis H.
Bourne, Standish	Knowles, Thomas H.	Sanford, Gardner T.
Bly, O. Frank	Lawton, Charles H.	Smith, Alexander T.
Card, Byron F.	Lewis, Edgar R.	Snow, Robert
Coggeshall, R. C. P.	Lewis, William J.	Sullivan, D. J.
Denison, Henry C.	Lowe, John H.	Swift, Leander H.
Dias, Joseph	Macy, Frederick B.	Taber, Frederick
Dunham, Ernest A.	Macy, George I.	Taylor, William T.
Dunham, Fred C.	Macy, J. Roland	Thilo, F. E.
Eldridge, John, Jr.	Manchester, P. F.	Thornton, Alfred
Francis, James P.	Maxfield, Edmund F.	Vincent, Mark T.
Gardner, Edward R.	Nye, Willard, Jr.,	Washburn, F. A.
Gibbs, John E.	Parker, David L.	West, William R.
Gifford, Charles H.	Paine, Charles L.	Wilbor, Alfred G.
Gifford, Frank H.	Peirce, Stephen D.	Wilde, Albert F.
Gifford, Thomas J.	Penney, Edward F.	Wilde, Edmond L.
Hadley, A. W.	Phillips, George A.	Wood, Edmund
Hammond, Edgar B.	Pierce, Edward T.	Wood, Horace
Hammond, Henry F.	Pierce, Otis N.	Wood, Thomas F.

## POLICE DEPARTMENT.

CHIEF.

HENRY W. MASON.

CAPTAINS.

TIMOTHY C. ALLEN,

JAMES L. WILBUR.

LIEUTENANTS.

LEMUEL D. ADAMS,  
 SETH E. BRYANT,  
 THOMAS W. COMSTOCK,  
 THOMAS FAY,  
 ARTHUR H. JONES.

CHARLES L. MCBAY,  
 JOHN C. PARKER,  
 THOMAS J. TAFT,  
 JOSEPH B. WING.

## INSPECTORS.

HATHAWAY, FRANKLIN L.

GENDRON, GEORGE E.

## SERGEANTS.

FOLEY, EDMUND  
GIFFORD, CHARLES C.ROSCOE, WILLIAM E.  
UNDERWOOD, WILLIS C.

## PATROLMEN.

ALDRICH, OSCAR F.  
ALLEN, EDGAR W.  
ALLEN, EDWARD  
ALLEN, ROBERT N.  
ALMOND, WALTER  
ALMOND, WILLIAM, JR.  
ARNETT, HENRY  
ARNETT, JAMES W.  
ATWOOD, WILLIAM W.  
CALLANAN, THOMAS F.  
CANNAVAN, PATRICK  
CHURCH, CHARLES B.  
CLOUGH, GEORGE H.  
CLARK, ULYSSES L.  
COLE, WILLIAM T.  
COWING, WILLIAM J.  
COX, JAMES M.  
DAHONEY, THOMAS  
DALEY, JEREMIAH E.  
DEMERS, FRANK E.  
DENEEN, DANIEL  
DODDS, JAMES  
DOHERTY, EDWARD P.  
EARLEY, EDWARD C.  
ELDRIDGE, WASHINGTON A.  
ENOS, FRANK  
FANNING, JAMES F.  
FOWLER, WILLIAM  
GIFFORD, GEORGE P.  
HOWLAND, WILLIAM A. E.  
HUTCHINSON, JOHN J.  
IVEY, JAMES A.  
KENNEDY, PATRICK  
KENNEY, PATRICK  
KENT, CHANCELLOR  
LAWRENCE, GEORGE H.  
LEE, ALLEN L.LOWTHER, GEORGE H.  
MATHER, JOSEPH  
McCARTHY, EDWARD  
McCARTHY, JEREMIAH  
McDONALD, DANIEL J.  
McDONALD, DENNIS J.  
McDONNELL, JAMES  
McDONNELL, PATRICK  
McENNIS, ROBERT  
MEEHAN, DANIEL  
McLEOD, SAMUEL D.  
MOYNAN, ROBERT  
MURPHY, CORNELIUS J.  
OLIVER, JOHN F.  
PINKHAM, GEORGE W.  
RAYMOND, HIRAM E.  
REMINGTON, FRANK L.  
RHODES, HENRY W.  
RICKETSON, HARRISON B.  
ROOKS, JOHN C.  
RUSSELL, EUGENE F.  
SAVAGE, JAMES W.  
SISSON, JOSEPH, DE L.  
SMITH, ANDREW J.  
SMITH CHARLES F.  
STOW HARRY D.  
SULLIVAN, JOHN D.  
SULLIVAN, TIMOTHY  
SWEENEY, DANIEL P.  
SYLVIA, FRANK W.  
TABER, JEREMIAH M.  
VOGEL, GEORGE  
VOGEL, ROBERT  
WILLIS, RUFUS H.  
WINSLOW, GEORGE F.  
WIXON, JAMES



## RESERVE POLICE.

ALLEN, CHARLES E.	NICKERSON, CHARLES F.
BENOIT, WILLIAM	ROOKS, ALBERT H.
DURANT, LAWRENCE J.	SHARPLES, SMITH
GIBBS, NATHANIEL F.	SPOONER, JOHN C.
HAFFORD, STEPHEN, JR.	TRIPP, CHESTER L.
MOSHER, ALBERT E.	WILCOX, SETH A.

## COURT OFFICER.

LIEUT. LEMUEL D. ADAMS.

## EMERGENCY OFFICER, STATION ONE.

KENNEDY, PATRICK

## HEALTH OFFICER.

MACOMBER, WILLIAM E.

## WAGONMEN.

JONES, JOHM M. PAIGE, GEORGE W.

## DRIVERS.

JENNINGS, EDWARD F. RYAN, WILLIAM M.

## HOUSEKEEPERS.

BUMPUS, HENRY W.	MITCHELL, WILLIAM H.
DAYTON, LUTHER M.	STEVENS, HENRY
HUMPHREY, DANIEL J.	WILSON, THOMAS H.

## SPECIAL HOUSEKEEPERS.

JONES, ISAAC M.	MANCHESTER, JOHN B.
ROBBINS, CHARLES H.	

## MATRON.

MRS. MARGARET S. BULLARD.

## JANITOR.

DREW, MOSES C.

## CLERK.

WEST, HENRY N.

## CONSTABLES.

## THE MEMBERS OF THE POLICE FORCE

## AND

DEAN, JOHN H.	MOORE, LEWIS S.
FRISSELL, AMASA R.	PATNAUDE, JOSEPH C.
LA ROCHE, LOUIS	PERRY, SAMUEL C.
McDONNELL, MICHAEL	SPOONER, ARTHUR C.

## KEEPER OF THE LOCKUP.

WILBUR, JAMES L.

## PROBATION OFFICER.

WILLIAMS, EDWARD

## SPECIAL POLICE OFFICERS.

Baker, Daniel W.	England, George	Kennedy, Augustus M.
Bartel, Leopold	Etchell, Edward	Kennedy, Thomas
Benoit, William R.	Fay, Miles H.	Kent, James D. T.
Bentley, Frank T.	Ferguson, Joseph	King, Joseph T.
Berry, James H.	Ferguson, William	Lapham, George W.
Bliss, Frederick P.	Finn, Michael	Lawrence, Cyrus T.
Bliss, William H.	Fitzgerald, James	Leary, Dennis, Jr.
Booth, Benjamin T.	Fournier, Napoleon J.	Lincoln, Ellery C.
Borden, Prince S.	Francis, Frank W.	Little, Frank
Brown, William L. G.	Frissell, Amasa R.	Little, John E.
Buckley, Alfred R.	Fuller, Jonathan A.	Loftus, Anthony
Burgess, Stephen	Garant, Joseph	Lumbert, John
Burke, Michael I.	Garvin, Patrick F.	Luther, Joseph P.
Burke, William	Geddis, Henry S.	McDermott, Michael
Butts, Henry R., Jr.	Gibbs, Nathaniel F.	Macomber, H. M.
Chipman, James F.	Gibbs, Preston H.	Miller, George
Clark, Michael	Gibbs, William H. H.	Morgan, Elias T.
Clark, William	Gifford, John	Morrison, Thomas
Clarkson, Nicholas J.	Glennon, Thomas F.	Mosher, Albert E.
Clynes, Thomas	Grant, Lafayette	Netcher, George F.
Cole, William T.	Greene, Marshall S.	Nicholson, John B.
Collins, John	Harrington, Cornelius	Nickerson, Charles F.
Conklin, Abraham	Harrington, Daniel	Nye, George E.
Connelly, Daniel J.	Harrington, J., Clark st.	Oliver, John
Corish, John	Hillman, George W.	Palmer, Robert
Corley, Maurice C.	Hines, Henry S.	Parker, Charles W.
Cornell, Charles F.	Holloway, James T.	Partington, William
Cornell, Sydney I.	Holmes, Ezra	Peckham, Samuel W.
Crafts, James	Holmes, John J.	Peed, Thomas J.
Crafts, James F.	Horton, Eliphalet M.	Peirce, Anthony, Jr.
Cronin, Cornelius	Houle, Dolor A.	Perry, Samuel C.
Dammon, George K.	Howard, Henry	Phillips, Henry T.
Davenport, Charles H.	Howland, William G.	Pierce, Thomas H.
Davis, Otis A.	Hurll, Daniel	Pinelle, Joseph
Dean, Thomas F.	Jay, James A.	Piper, Augustus D.
Devoll, George H.	Jenney, Ezra T.	Piper, Julian A.
Donaghy, Joseph	Johnson, Oscar	Place, William J.
Downey, Daniel	Johnson, W. H., Smith	Pollock, John H.
Driscoll, Patrick J.	street.	Preece, Thomas
Duckworth, Wm. A.	Jones, Isaac M.	Quinn, Joseph
Duffy, Thomas	Joseph, John	Rau, Gustavus L.
Durant, Lawrence J.	Karcher, Frederick, Sr.	Read, George P.
Durfey, Richard T.	Karcher, Frederick, Jr.	Read, Richard A.
Eldridge, Samuel T.	Kelley, Hiram C.	Remington, John G.

Reynolds, James R.	Spooner, Joseph W.	Tuell, Charles D.
Richie, David	Staples, Ellis	Warfield, James H.
Robbins, Charles H.	Stephens, Michael	Waters, Charles O.
Rooks, Albert H.	Sullivan, James H.	Watts, William H. C.
Russell, James B.	Sullivan, Matthew	Weeden, Charles H. L.
Sadler, William G.	Tallman, Edward S.	Welsh, William
Salmon, John	Taylor, Theodore	Wilbur, Allen R.
Saxon, James H.	Taylor, William A.	Wilcox, Seth A.
Sharples, Smith	Taylor, William J.	Wiley, James
Shea, Michael J.	Thomas, Edward, Jr.	Williams, Benj. F., Jr.
Small, David S.	Thompson, Thomas	Williston, Hiram L.
Smith, Henry	Tinkham, Otis	Wilson, John
Smith, Henry H.	Tripp, Benjamin E.	Wood, Charles N.
Spicer, Robert H.	Tripp, Chester L.	Wood, James A.
Spooner, John C.	Tripp, Leroy G.	

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MEASURERS OF WOOD AND BARK.

Ashley, Roland R.	Comey, Charles M.	Morse, C. M., Jr.
Ashley, Andrew J.	Coxen, Charles H.	Notter, John
Borden, Harrison T.	Forbes, Joseph C.	Rodman, Frank P.
Chace, Ira M.	Gibbs, John E.	Smith, John
Cobb, George A.	Grinnell, A. B., Jr.	Taber, Edward C.
Coffin, Stephen P.	Hall, George N.	Wilson, Wallace B.

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SURVEYORS OF LUMBER.

Beetle, John H.	Chase, Abram	Doane, Joshua G.
	Gray, Charles A., Jr.	

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MEASURERS OF GRAIN.

Chace, Ira M.	Rodman, Frank P.
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WEIGHERS OF COAL.

Agard, Charles W.	Gibbs, John E.	Rodman, Frank P.
Bowman, Fred G.	Gifford, Nathaniel W.	Rounsevell, Walter S.
Chace, Ira M.	Gray, Charles A., Jr.	Smith, John
Coe, William A.	Hathaway, B. F., Jr.	Spencer, Walter G.
Comey, Charles M.	Hunt, Josiah	Terry, Herbert C.
Corson, James A.	Lindsey, Robert	Timperley, Sadie L.
Cuddy, Edward C.	Negus, Southward P.	Tripp, Jabez D.
Day, Thomas E.	Percy, T. A.	Wilson, Wallace B.
Forbes, Joseph C.	Raymond, Wm. D.	Wordell, Wilson I.

## CITY WEIGHERS.

Agard, Charles W.	Frost, Bertram	Neagus, John P.
Almy, Harry	Gibbs, John E.	Negus, Southward P.
Allen, Vital	Gibbs, William H. H.	Nooning, Isabell F.
Anderson, Antone	Gifford, John I.	O'Brien, Timothy T.
Andrews, William	Gifford, Nathaniel W.	O'Connor, Cornelius
Ashley, Moses E. H.	Gilmore, Thomas	O'Connor, Timothy T.
Ashley, Roland R.	Gilston, John W.	Paul, George H.
Barney, L. H.	Girvan, Douglass	Percy, T. A.
Barriteau, Joseph L.	Goslin, Henry	Perry, John
Bartlett, Robert W.	Grant, Lafayette	Peters, W. W.
Bearce, Albert C.	Gray, Charles A., Jr.	Potter, Edwin L.
Boudreau, Hector	Greene, Nathaniel H.	Raymond, Wm. D.
Bowman, Fred G.	Harney, John	Richards, Clement
Bradford, Edgar V.	Hathaway, B. F., Jr.	Robinson, Frank J.
Breau, Jacob	Hayden, Edward D.	Robinson, James
Brownell, Charles H.	Herman, Curtis	Rodman, Frank P.
Brownell, George R.	Hess, Christian J.	Ross, Joseph E.
Butts, James D.	Higginbottom, Eli	Rounsevell, Walter S.
Chace, Ira M.	Hill, Robert	Snow, Henry K.
Cobb, George A.	Hitch, Frank B.	Stretton, John
Cockrane, John	Holloran, P. H.	Sullivan, Thomas F.
Coe, William A.	Jenney, William T.	Sullivan, William H.
Collins, John	Jennings, Charles E.	Sylvia, Antone
Comey, Charles M.	Jennings, George L.	Taber, Edward C.
Comey, Morris	Jennings, John W.	Terry, Herbert C.
Comisky, John	Jordan, Frank C.	Timperley, Sadie L.
Cook, Edward H.	Kenney, E. D.	Timson, William H.
Cook, Otis P.	King, Joseph	Tomlinson, Peter
Cornell, L. S.	King, James	Tripp, Eliot S.
Corson, James A.	Langshaw, John P.	Tripp, Jabez D.
Cuddy, Edward C.	Lees, Lewis	Tripp, John E.
Cushing, Joseph B.	Lees, William	Tripp, Joseph J.
Davis, George B.	Lewis, Edgar R.	Vurnette, Joseph
Day, Thomas E.	Lewis, Henry S.	Washburn, Charles S.
Donahue, Joseph F.	Lewis, Marshall F.	White, Augustus T.
Donley, William	Leonard, Frank	Wilbur, George F., Jr.
Durfee, William A.	Lindsey, Robert	Wilson, James H.
Earley, Thomas	Lynch, Simon F.	Wilson, Wallace B.
Edwards, Charles F.	Lyons, John	Wood, John
Ferriera, Manuel	Mason, Frederick A.	Wordell, Wilson I.
Foley, Timothy	McCarty, Mortimer	York, Joseph
Forbes, Joseph C.	McKenzie, Robert	



## WEIGHERS OF BOILERS AND HEAVY MACHINERY.

Bowman, Fred G.	Gray, Charles A., Jr.	Smith, John
Corson, James A.	Hathaway, B F., Jr.	Wilson, Wallace B.

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## FENCE VIEWERS.

Cobb, George A.	Russell, John A.	Tuell, Joseph B. C.
	James A. Young.	

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## POUND KEEPERS.

Dayton, Luther M.	Humphrey, Daniel J.	Wilson, Thomas H.
Dufresne, Adolph	Manchester, John B.	

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## FIELD DRIVERS.

The Police.	Wm. H. Johnson ( Smith st. )	John B. Manchester.
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## BOARD OF LICENSE COMMISSIONERS.

JOHN O'NEIL,	Term expires June, 1906.
FRANK M. SPARROW,	Term expires June, 1902.
STEPHEN D. PEIRCE,	Term expires June, 1904.
FRANK M. SPARROW, Chairman,	

1900—CITY DOCUMENT No. 3.

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CITY OF NEW BEDFORD, MASS.

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THIRTIETH ANNUAL REPORT

OF THE

NEW BEDFORD WATER BOARD

TO THE

CITY COUNCIL,

CONTAINING :

I.

The Report of the New Bedford Water Board for 1899, including the  
Twenty-first Quarterly Report upon the Further Water Supply.

II.

The Report of the Water Registrar.

III.

The Report of the Superintendent.

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DECEMBER 30, 1899.

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NEW BEDFORD:

MERCURY PUBLISHING CO., CITY PRINTERS.

1900.

# NEW BEDFORD WATER BOARD.

∴ 1900. ∴

---

CHARLES S. ASHLEY,

*Mayor of the City.*

---

JOHN L. G. MASON,

*President of the Common Council.*

---

THOMAS B. TRIPP,

ROBERT W. TABER,

SAMUEL C. HUNT.

---

CLERK OF THE BOARD, AND SUPERINTENDENT,

ROBERT C. P. COGGESHALL.

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WATER REGISTRAR,

JAMES H. HATHAWAY.

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FOREMAN,

JOHN C. DEMELLO, JR.

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PUMPING STATION,

ADONIRAM S. NEGUS, *Pumping Engineer.*

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INSPECTORS,

CLIFFORD BAYLIES,

ARTHUR R. WEEKS,

JOHN B. WILBUR.

# Report.

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CITY OF NEW BEDFORD,

OFFICE OF NEW BEDFORD WATER BOARD,

December 30, 1899.

*To the City Council of the City of New Bedford:*

GENTLEMEN:—The New Bedford Water Board herewith present to you the thirtieth annual report of this department and include in it the quarterly report now due on the Further Water Supply.

On February 10th we were called upon to face a most alarming experience. The weather was intensely cold. Shortly after the noon hour the pressure upon the distributing system suddenly dropped several pounds, indicating an unusually heavy draft. Complaints soon came from takers in the elevated district stating that they were entirely deprived of their supply. The Mt. Pleasant reservoir was reported to be rapidly settling; this with the pumps working at their full capacity. Unless this unusual rate of flow could be quickly checked the Mt. Pleasant reservoir would be empty in another day. Prompt action was necessary to avert the impending danger of a water famine which seemed close at hand. Through the courtesy of the Police Department all parts of the city were warned and notified to discontinue all waste. Mill enclosures were visited with good results; for in certain cases the fire hydrants were found supplying large quantities of water for



condensing purposes. At this time they were deprived of their usual supply of salt water by reason of an unusually low tide and were using hydrant water as a substitute. This use being stopped the situation was somewhat improved and in the evening the amount used gradually fell within the limit of the supply. The incident just described was undoubtedly caused by the large amount taken by the mills at a time when the consumption was already at an extreme mark by reason of wastage in all parts of the city as an easy going method to prevent freezing. For several days following the consumption continued heavy, it being impossible to gain sufficiently to again raise the Mt. Pleasant reservoir to its usual high water level before the 18th of that month.

We have witnessed several practical demonstrations, of which the above described incident is the most emphatic; pointing to the fact that we had outgrown the capacity of the old plant. With the introduction of the Quittacas supply in July came a relief of all anxiety regarding future occurrences of this nature. This supply has been realized at just the right time. With its increased capacity it will provide for any demand likely to occur.

Considerable yet remains to be done before the further supply can be said to be fully completed. The remaining work is of the nature of a final cleaning up of various details all of which require close attention. Good progress has been made during the past year and all work has been pushed as fast as possible.

The long dam and wasteway between Great Quittacas and Pockshire ponds is finished. The culvert which heretofore connected these ponds was filled up during the past summer. Hereafter all water passing from Great Quittacas into Pockshire pond must do so over this wasteway.

The contract for the gate house and conduit connecting Great and Little Quittacas ponds was completed in March.

An embankment walk has been placed connecting the shore in front of the pumping station with the gate house at the outer end of the intake in Little Quittacas pond. This gate house has been fully equipped as has also been the case with that at the Great Quittacas connection.

The long line of forty-eight inch riveted steel force main is daily delivering water into High Hill reservoir. That reservoir was emptied in May and refilled with Quittacas water. The supply to the city through the distributing main connecting with this reservoir was first opened on July 10th. An observation stand enclosed by an iron fence has been erected upon the south embankment of the High Hill reservoir.

The railroad connecting Braley's Station with the Quittacas pumping station has been much used during the past year, mostly for the transportation of coal.

The work of erecting the two Leavitt pumping engines at the Quittacas station was commenced in November, 1898. On June 6th, the first engine pumped for the first time; the second on July 27th. Both are now working admirably. There yet remains a number of small details to fulfill before the engine contract is completed.

In and around the pumping station much work has been done in the matter of equipping the same. A machine shop, with its necessary tools has been supplied. An electric lighting plant has been installed. Platform scales have been set. A steam hoisting apparatus has been placed for the drawing of coal cars into the coal shed. An electric watchman's clock has been installed. The necessary furniture for the building has been supplied and the grounds surrounding the building have been cleaned up and graded.

A second boiler is a necessity which must soon be supplied.

The regular work of maintenance has received our usual attention.

Twenty-seven petitions for the extension of main pipe have been received. Of this number, twenty-six have been granted.

Eight thousand, two hundred twenty-five feet of main distribution pipe have been laid; and one thousand five hundred eighty feet of that previously laid have been removed. The total length of pipe at this date is 90.5920 miles.

The number of service supplies has been increased 137, making a total of 9,151 now in use.

Three hundred seventy-nine meters have been added during the year. About half of these were purchased by water takers who prefer meter charges to the schedule rate. The remainder have been placed upon supplies where wasteful tendencies have been observed. Our experience thus far (which is the experience of every city using meters) shows that takers using all they can possibly need for the most liberal domestic use and for every luxury excepting waste do so with a considerable reduction of their bills below the schedule tariff. By the stopping of wastage the expenses of the department are reduced without curtailing in the least the proper use of water.

The following contracts have been awarded during the year. They have been awarded to the lowest bidder in competition.

On January 5th a contract was signed with the George F. Blake Manufacturing Co. of Boston, to construct and deliver a feed pump for the Quittacas pumping station. This was completed in April at a cost of \$396.50.

On January 20th a contract was signed with the McNeal Pipe and Foundry Company of Burlington, N. J., for about 550 gross tons of cast iron pipe and special castings. All this contract was delivered in May. The con-

sideration was \$18.39 per gross ton for ordinary straight bell and spigot pipe and \$42.00 per gross ton for special castings. These prices included delivery upon wharf in New Bedford.

On March 15th a contract was made with the Belmont Iron Works of Philadelphia, to construct and deliver an iron fence for enclosing the observation stand upon the south bank of High Hill reservoir. This was completed in June. Consideration \$237.

On August 2d a contract was signed with Abiel S. Ashley for the construction of a dwelling house to be located on the east side of the road passing through Pleasantville about one-half mile above C. A. Morton's corner. This house is for the use of the pumping engineer in charge of the Quittacas station. It will be several weeks before this contract is completed. The consideration is \$5,239.

In August a contract for supplying 1,700 gross tons of Pocahontas coal at \$3.75 per gross ton delivered at Bralley's Station was awarded to Garfield & Proctor Coal Co.

During the month of June Mr. Edmund Wood retired from this Board. Mr. Wood had served for six years. He was prominent in the conception of the new system and has taken great interest in the work of its construction. We wish to testify to our appreciation of the able and conscientious manner with which he has performed the duties of the office.

On June 9th Samuel C. Hunt was elected a member of this Board for a term of three years.

The following is a brief statement of the financial operations of the past year :

Balance Dec. 1st, 1898,	\$35,840.11
Receipts for the year, all sources,	117,771.87
	<hr/>
	\$153,611.98

The charges have been as follows :

Expenditures for management and repairs,	\$115,901.03
Expenditures for extensions,	24,874.03
	<hr/>
	\$140,775.06
Which leaves a balance to the credit of the works on the books of the City Treasurer, Dec. 1st, 1899,	\$12,836.92

#### DEBITS.

Balance Dec. 1st, 1898,		\$35,840.11
Receipts from water rates,	\$99,125.27	
Receipts from laying main and service pipes in private property and fines,	3,919.47	
Receipts from sales of meters,	1,911.71	
Receipts from use of railroad,	300.00	
Receipts from rents, sales, etc.,	515.42	105,771.87
General appropriation for use of water for public purposes,		12,000.00
General appropriation from tax levy to make up deficit,		63,800.00
		<hr/>
		\$217,411.98

#### CREDITS.

Management and repairs less interest, bonds paid and sinking funds,	\$54,101.03	
Extension of works,	24,874.03	
Interest on bonds, general appropriation.	\$57,800.00	
Interest on Sylvia Ann Howland fund, general appropriations,	6,000.00	
Interest paid from water rates,	15,000.00	
Bonds paid from water rates,	20,000.00	98,800.00
Sinking funds (further supply) paid from water rates,		24,000.00
Sinking funds paid from water rates,		2,800.00
Balance Dec. 1st, 1899,	12,836.92	\$217,411.98

The actual outlay for the construction of these works exclusive of debt, interest and management and repair account and not including the cost of the "Further Supply," is \$1,800,301.78.



Summary of receipts and expenditures for "Further Water Supply" to Dec. 6th, 1899.

## RECEIPTS.

Bonds sold Dec. 15th, 1894,		\$200,000.00
Bonds sold April 24th, 1896,		50,000.00
Bonds sold May 2nd, 1896,		200,000.00
Bonds sold July 1st, 1896,		150,000.00
Bonds sold Dec. 18th, 1896,		400,000.00
Bonds sold Jan. 1st, 1897,		200,000.00
Premium on bonds, Dec. 15th, 1894,	\$18,632.00	
Premium on bonds, April 24th, 1896,	4,775.00	
Premium on bonds, May 2nd, and July 1st, 1896,	30,866.50	
Premium on bonds, Dec. 18, 1896,	35,428.00	
Premium on bonds, Jan. 1st, 1897,	21,660.00	111,361.50
		<u>\$1,311,361.50</u>

## EXPENDITURES.

Cost of issuing water bonds,		\$991.12
Salaries,		11,575.00

Travelling and other expenses,	\$722.92	
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## CREDIT.

Carriage hire, 2nd audit,	5.00	717.92
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Telephone and telegraph messages,		164.34
Legal expenses,		1,676.00
Printing and stationery,		136.74
Water gaugings at Quittacas Ponds,		3,179.18
Maintenance of rain gauges,		278.50
Survey and map of Quittacas Ponds,		2,197.23

## Lands bordering upon Quittacas Ponds :

Surveying and placing bounds,	\$5,433.84	
Examination of titles and other legal expenses,	3,796.31	
Cost of land and options,	71,293.18	
Surveying water shed, Lakeville Ponds,	1,834.55	
Clearing land, etc.,	905.92	
	<u>\$83,263.80</u>	

## CREDITS.

Rents received,	\$882.80		
Middleboro taxes received,	103.44		
Rochester taxes received,	57.23		
Rebate on insurance,	26.67		
Sale of hay,	64.00		
Sale of machinery,	47.50		
Sale of cedar poles,	15.00		
Sale of furniture,	4.00	1,200.64	82,063.16

Pumping station and conduit connections at  
Little and Great Quittacas Ponds, etc.:

Engineering,	\$10,334.67
Designing engines and boilers,	12,000.00
Inspecting engine construction,	7,704.42
Foundation of pumping station and engines, and intake into Little Quittacas Pond, etc.,	78,681.56
Inspection of connection between ponds, in- take and work around ponds,	3,666.35
Draining and improving grounds and roads,	2,589.90
Cost of engines,	125,003.80
Fire piping,	989.78
Legal expenses,	10.00
Iron castings,	1,894.47
Boiler plates,	1,345.41
Contract, superstructure,	58,116.77
Freight and carting,	169.30
Contract, building boiler,	8,276.26
Draining building, sewage, etc.,	1,104.65
Crane,	2,780.73
Lighting equipment,	202.62
Other supplies,	726.77
Sluice gates,	1,963.75
Bridges,	81.10
Gate houses, superstructure,	3,440.00
Finishing floors,	90.89
Air pumps and connections,	2,688.00
Miscellaneous labor,	987.81
Steam piping,	1,484.64
Water gates,	1,151.16
Reheater,	640.00
Flue,	646.00
Covering boiler and steam pipe,	737.70
Feed pump,	396.50

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\$329,908.01

## CREDITS.

Sale of cement and brick,	\$322.33		
Sale of rope,	27.50		
Rebate on insurance,	3.94		
Use of derrick fall,	3.00	356.77	\$329,551.24

## Force main:

Engineering, including surveying and placing bounds,	\$16,832.07
Examination of titles and other legal expenses,	851.40
Cost of land,	5,826.42
Changing dry swamp ditch,	317.54
Contract, cost of pipe and laying,	324,328.80
Inspection, on line,	8,858.25
Cost of gates,	6,991.09
Clearing wood,	566.42
Inspection at foundry,	2,736.60
Cast iron pipe,	4,432.42
Fencing,	130.00
Freight and carting,	298.91
All other supplies,	93.90
Digging drains and other labor,	710.02
Gravel, filling swamp,	1,080.00
	<hr/>
	\$374,053.84

## CREDITS.

Sale of wood,	\$526.17		
Labor,	58.25	584.42	\$373,469.42

## Distributing reservoir at High Hill:

Engineering, including surveying and placing bounds,	\$10,149.49
Examination of titles and other legal expenses,	194.87
Cost of land,	8,866.47
Moving buildings and repairs,	513.23
Carriage hire,	10.00
Contract, construction of reservoir,	138,650.72
Cast iron pipe and other castings,	2,587.57
Masonry inspection,	3,433.00
Cost of changing road,	932.30

Earthwork inspection,	\$1,007.00
Sluice gates,	4,363.75
All other supplies,	204.02
Work after completion of contract,	1,458.40
Gate houses,	5,721.20
Fence around reservoir,	2,571.75
Steps,	446.40
Weir,	294.89
	<hr/>
	\$181,405.06

## CREDITS.

Sale of land,	\$1,000.00	
Sale of wood,	475.00	
Labor,	9.44	
Insurance rebate,	9.60	
Rebate on pickets,	36.70	1,530.74
		\$179,874.32

Distributing main from High Hill reservoir to city :

Engineering, including surveying and placing of bounds,	\$5,888.04
Examination of titles and other legal expenses,	115.00
Cost of land,	658.51
Cost of pipe and special castings,	108,790.17
Wharfage and handling pipe,	1,868.04
Gasket,	184.44
Inspecting pipe,	1,541.34
Lead,	961.06
Gates and boxes,	6,352.77
Toolhouse, blacksmith shop and tools,	121.21
Labor,	6,864.24
All other supplies,	68.49
Carting,	4,266.55
Freight and express,	5.22
Lumber,	182.69
Inspection,	534.96
Contract, Nash road to reservoir,	26,826.16
Lowering Turner's pond,	100.00
Lowering sewers, etc.,	217.99
Drain in 60 foot way,	129.75
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	\$165,676.63

## CREDIT.

Board of Public Works, crusher stone,	275.87	\$165,400.76
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## Railroad, Braley's to Little Quittacas :

Engineering,	\$4,828.20	
Hearing at Freetown and legal expenses,	178.29	
Contract for railroad,	61,594.40	
Inspection,	826.50	
Siding at Braley's,	1,473.73	
Cast iron pipe,	403.14	
Signs,	143.78	
Gravel, etc.,	2,082.70	
Wooden culverts,	672.10	
Labor,	15.00	
Trestle in coal shed,	1,393.80	\$73,611.64

## Telephone line :

Labor,	15 50	
Poles,	373.02	
Wiring lines,	94.18	
Rent of telephone,	112.50	
Other supplies,	6.03	
Freight,	20.47	\$621.70

## Dam between Great Quittacas and Pockshire ponds :

Engineering,	1,047.20	
Contract,	24,600.00	
Inspection,	373.50	\$26,020.70
Total expenditures,		\$1,251,528.97
Balance to credit of account Dec. 6th, 1899,		59,832.53
		<hr/> \$1,311,361.50

Accompanying this report, and a part of it, are the reports of the Water Registrar and of the Superintendent.

Very respectfully submitted,

CHAS. S. ASHLEY,	} <i>New Bedford</i> <i>Water Board.</i>
JOHN L. G. MASON,	
THOMAS B. TRIPP,	
ROBT. W. TABER,	
SAMUEL C. HUNT,	



# Report of the Water Registrar.

CITY OF NEW BEDFORD,  
WATER REGISTRAR'S OFFICE,  
December 1st, 1899.

*To the New Bedford Water Board:*

GENTLEMEN:—I herewith present to you the annual statement of my accounts as Water Registrar for the year ending at this date :

## RECEIPTS.

Balance Dec. 1st, 1898,			\$35,840.11
Receipts for water :			
Rates, domestic,	\$90,243.26		
Rates, manufacturing,	8,882.01		
Appropriations for public buildings and fire hydrants,	12,000.00	\$111,125.27	
Receipts for services,		2,263.18	
Receipts for meters,		1,911.71	
Receipts for fines,		48.00	
Receipts for mains,		1,454.94	
Receipts for mill piping,		140.35	
Receipts for shop work,		84.75	
Receipts for incidentals,		13.00	
Receipts for railroad,		300.00	
Receipts for Quittacas pumping station,		52.96	
Receipts for lands, buildings, taxes, etc.,		358.03	
Receipts for High Hill reservoir,		19.68	117,771.87
			<hr/>
Expenditures for the year ending Dec. 1st, 1899,			\$153,611.98
			140,775.06
			<hr/>
Balance cash in treasury, Dec. 1st, 1899,			\$12,836.92

## EXPENDITURES.

## MANAGEMENT AND REPAIRS.

Engineering and superintendence,	\$4,607.83	
Water Registrar, inspection and clerk hire,	4,475.76	

## Pumping expenses, engineers, firemen and watchmen :

Salaries and labor,	\$6,814.49	
Fuel,	7,481.04	
Oil, waste, packing, and gas,	306.46	
Other supplies,	25.45	
Repairs of engines,	17.03	
Repairs of boilers,	18.60	
Other repairs,	5.35	
Buildings and grounds,	111.24	
Miscellaneous,	15.70	14,795.36

## Mains :

Cast iron pipe,	1,232.65	
48-inch steel force main,	411.19	
Stop gates,	394.59	
Hydrants,	288.30	
Flushing and inspecting,	145.75	2,472.48

## Services :

Pipe,	157.80	
Renewing and driving stop boxes,	435.69	
Cleaning stops, taps, and pipe,	183.35	776.84

## General maintenance :

Fountains,	49.60	
Meters,	326.08	
Printing, stationery, advertising and postage,	543.44	
Car fares, express, telephone, telegrams,	765.79	
Horses and wagons,	1,520.18	
Labor at workshop, and pipe yard,	951.40	
Materials at workshop,	306.52	
Fuel and lighting at workshop,	68.93	
Repairs workshop building, and pipeyard,	12.55	
Miscellaneous,	511.12	
Land, buildings, taxes, etc.,	1,191.69	
Great Quittacas Pond, and connection with Little Quittacas,	115.92	

Little Quittacas Pond and inlet conduit,	\$2,566.62
High Hill reservoir,	1,438.82
Connection Little Quittacas Pond and storing reservoir,	31.20
Storing reservoir and surroundings,	93.50
Receiving reservoir,	139.74
Mount Pleasant reservoir,	116.25
Meteorological instruments,	.30
Railroad,	482.21

Quittacas pumping station :

Piping and machinists' work,	2,791.90	
Tools, etc., machine shop,	1,343.83	
Coal,	822.13	
Oil, paints, hardware, etc.,	846.45	
Transportation,	552.72	
Cement, etc.,	252.45	
Lumber,	225.09	
Iron castings,	114.74	
Electric wiring and fixtures,	689.60	
Furniture,	198.00	
Watchman's clock,	159.74	
Reservoir gauge,	175.00	
Labor, improving grounds and build- ings,	2,703.90	10,875.55
Telephone lines,		1,546.94
Half holiday,		635.40
Engineer's dwelling house,		2,683.01
Interest paid from water rates,		15,000.00
Bonds paid from water rates,		20,000.00
Sinking funds paid from water rates,		2,8000
Sinking fund (further supply) paid from water rates,		24,000.00 \$115,901.03

EXTENSIONS.

Mains:

Main pipe and special castings,	11,775.27	
Stop gates,	88.56	
Hydrants,	18.40	
Lead and gasket,	197.56	
Tools,	674.46	
All other supplies,	180.90	
Freight and carting,	489.18	
Labor,	3,178.18	
Handling pipe and wharfage,	302.47	16,904.98

## Services:

Service pipe, lead and iron,	\$1,237.94	
Taps and stops,	96.47	
All other supplies,	844.77	
Labor,	1,161.01	
Plumbing,	234.31	3,574.50

## Meters:

Cost of meters,	3,539.26	
Cost of setting,	656.53	4,195.79
Mill piping,		177.51
Fountains,		21.25
		<u>24,874.03</u>

Total expenditures for the year, \$140,775.06

Whole outlay upon the works to this date,	\$2,909,960.75
Balance, Dec. 1st, 1899,	<u>12,836.92</u>
	<u>\$2,922,797.67</u>

The receipts from the commencement of the works to this date have been as follows, viz. :—

Appropriations by the City Council,	\$1,038,000.00
Receipts from water and other sources,	<u>1,884,797.67</u>
	<u>\$2,922,797.67</u>
Deduct total outlay,	<u>2,909,960.75</u>
Balance as above Dec. 1st, 1899,	<u>\$12,836.92</u>
Outlay,	<u>\$2,909,960.75</u>

## Deduct from outlay :—

Paid for management and repairs,	\$694,770.83
Interest paid,	137,788.14
Bonds paid,	165,000.00
Sinking funds,	20,100.00
Sinking funds (further supply),	<u>92,000.00</u>
	<u>1,109,658.97</u>
Actual cost of works,	<u>\$1,800,301.78</u>
Total receipts for water,	<u>\$1,884,797.67</u>
Deduct the amount paid for maintenance, debt, interest, and sinking funds,	<u>1,109,658.97</u>
Water receipts applied to construction,	<u>\$775,138.70</u>

The funds for the construction of the works have been derived from the following sources, viz. :—

Investment of Sylvia Ann Howland educational bequest,	\$100,000.00
Sylvia Ann Howland water bequest,	100,000.00
Received from sale of bonds,	815,000.00
Net receipts applied to construction,	775,138.70
Appropriation for construction in 1885,	23,000.00
	<hr/>
	\$1,813,138.70
Deduct balance Dec. 1st, 1899,	12,836.92
	<hr/>
Cost of works as stated above,	\$1,800,301.78

The water debt at this date is as follows, viz. :—

Water bonds, 7 per cent.,	\$100,000.00
“ “ 6 “ “	100,000.00
“ “ 5 “ “	100,000.00
“ “ 4 “ “	140,000.00
“ “ 4 “ “ (further supply),	1,200,000.00
Sylvia Ann Howland bequest, 6 per cent.,	100,000.00
	<hr/>
	\$1,740,000.00
Less sinking funds,	121,263.77
	<hr/>
Net water debt, Dec. 1st, 1899,	\$1,618,736.23
Outlay for management and repairs,	\$115,901.03
Outlay for extensions,	24,874.03
	<hr/>
	\$140,775.06

Deductions :—

Receipts for services,	\$2,263.18
Receipts for meters sold,	1,911.71
Receipts for mains,	1,454.94
Receipts for fines and other sources,	1,016.77
	<hr/>
Net expenditures,	\$134,128.46
Amount appropriated by the City Council in 1899 for interest on water loan,	\$63,800.00
Net expenditures by the water board,	134,128.46
	<hr/>
Actual amount expended in 1899,	\$197,928.46
Water receipts in 1899,	\$111,125.27
Water receipts in 1898,	112,116.87
	<hr/>
Decrease in 1899,	\$991.60



1899.

## WATER REPORT.

19

Statement of "Further Water Supply" account.

## RECEIPTS.

Bonds sold,	\$1,200,000.00
Premium on same,	111,361.50
Sales, etc.,	3,953.44
	<hr/>
	\$1,315,314.94

## EXPENDITURES.

Amount paid as per schedule,	\$1,255,482.41
Balance unexpended Dec. 1st, 1899,	<hr/>
	\$59,832.53

JAMES H. HATHAWAY,  
Water Registrar.

# Report of the Superintendent.

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NEW BEDFORD WATER WORKS,

SUPERINTENDENT'S OFFICE,

December 1, 1899.

*To the New Bedford Water Board:*

GENTLEMEN:—The thirtieth annual report of the Superintendent for the year ending Dec. 1st, 1899, is herewith presented.

## METEOROLOGICAL OBSERVATION.

With the change of pumping operations to the new Quittacas station, the weather record heretofore kept by this department at the Purchase street station was transferred to the care of the City Engineer, Mr. Williams, who kindly consented to continue these observations. It was desirable that this valuable record should be continued within the limits of the city; but it was not convenient for this department to thus continue them; hence the change as above stated. The last observation made by this department was on July 31st. At that time some of the instruments were moved to the office of the City Engineer in the Odd Fellows building; the others remain in their former location.

A rain gauge has been placed at the Little Quittacas station and a record of the rainfall will hereafter be kept at that place.

## QUANTITY.

The rainfall for the year has been far below the average in amount. We have had an unusually severe drought of long duration. At this date our neighbors in almost every direction are complaining of a lack of supply. Fortunately, in our case the supply has been abundant, and since the introduction of the new system there has been no difficulty in delivering an ample amount to the distributing system.

A copy of the rainfall records at Little Quittacas pond and the Long Plain Storing reservoir appear in annexed tables.

TABLE.  
SHOWING RAINFALL AT LITTLE QUITTACAS POND FOR  
1899.

Day.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	.65				.33						1.06	
2												.02
3												
4		.78	.52								.73	.03
5			1.05									
6	1.48											.03
7			.25							1.07		
8		1.53		.94	.68		.21					
9			.28				.85			.39		
10								1.62				
11					.20						.08	
12				.10					1.15		.22	.21
13		2.80										
14	.44	.47										
15		.52	1.48								.03	.54
16	1.67			.70	.12		.84					
17										.04		
18			.29							.52		.12
19			1.96			.34					.03	
20									4.03	.05		.46
21				.16				.26	.12			
22											.06	
23			1.43							.06		
24						1.12		.36				.36
25	2.03					1.21						
26		.73	.51				1.04		.92			
27												
28					.30							
29			.48			1.24				.09		
30									1.05			
31												
Totals,	6.27	6.83	8.25	1.90	1.63	3.91	2.94	2.24	7.27	2.22	2.21	1.77

Total fall for the year, 47.44.

TABLE.

SHOWING RAINFALL AT STORING RESERVOIR FOR 1899.

Day.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	.51											
2											1.31	
3					.47							
4		.68									.66	
5		.13	1.67									
6										1.07		
7	1.27		.36									
8		1.39		.74								
9					.37		1.81					
10												
11					.30			1.78			.26	
12												
13		1.68										
14	.47								1.60			
15											.17	.95
16		.38	1.20				.73					
17	1.65			.90	.22							
18										.55		
19		.55	2.26									.67
20									3.46			
21												
22												
23			1.40									
24												.27
25	2.03					2.00						
26			.44				.73					
27		.80							.95			
28												
29			.48		.29	1.53			.98			
30												
31												
Totals.	5.93	5.61	7.81	1.64	1.65	3.53	3.27	1.78	6.99	1.62	2.40	1.89

Total fall for the year 44.12.



## QUALITY.

Previous to the discontinuance of the Acushnet supply, early in July complaints of dirty water were frequent. This has been a growing evil in late years. It has been more frequent with the gradual approach of the extreme capacity of the old plant to meet the required consumption; opportunity for the water to settle in the reservoir has been growing less, and pumping direct into the distributing system has been more frequent. This was obligatory in order to maintain a decent pressure. The old conduit, rushed to its extreme limit, brought water heavily charged with vegetable matter which quickly passed through the pumps into the mains in this condition. It is no wonder that takers thought the supply drawn from their faucets was somewhat cloudy. All this has changed with the introduction of the new supply. The Little Quittacas water now delivered is white and clear. There was a short period in the early fall when it had a slightly swampy taste and odor; but not nearly as marked as has frequently occurred with the Acushnet supply in former years. Surface waters everywhere develop microscopic organisms that cause more or less trouble by producing objectionable tastes and odors. The Quittacas water is no exception to the rule.

The following tables, kindly supplied by Chief Engineer X. H. Goodnough of the State Board of Health show the results of chemical analysis of samples of water taken from different locations:

# WATER ANALYSIS, STATE BOARD OF HEALTH. PARTS IN 100,000.

Number.	DATE OF.		APPEARANCE.		ODOR.		Residue on Evaporat'n		AMMONIA.				NITRO-GEN AS		Oxygen consumed.	Iron.			
	Collection.	Examination.	Turbidity.	Sediment.	Color.	Cold.	Hot.	Total.	Loss on ignition.	Fixed.	Albuminoid.			Nitrates.			Nitrites.	Hardness.	
											Free.	Total.	In solution.						In suspension.
28,342	18 99 Aug. 23	Aug. 24	Very slight.	Very slight.	.14	Faintly vegetable.	Distinctly vegetable.	3.60	1.70	1.90	.0002	.0202	.0172	.0030	.40	.0020	.0000	0.5	.35
28,732	Sept. 25	Sept. 26	Very slight.	Very slight.	.08	None.	Faintly vegetable.	3.25	1.60	1.65	.0008	.0200	.0190	.0010	.46	.0000	.0001	0.8	.30
29,117	Oct. 24	Oct. 24	Very slight.	Very slight.	.13	None.	None.	3.05	1.25	1.70	.0010	.0172	.0166	.0006	.49	.0020	.0000	0.5	.35
29,445	Nov. 20	Nov. 21	Very slight.	Very slight.	.21	None.	Faintly unpleasant.	2.95	1.20	1.75	.0006	.0172	.0162	.0010	.49	.0010	.0000	0.6	.28

These samples were collected from faucet in City Hall.

Scale of colors: 0=Colorless.  
1=Yellowish brown tint.  
2=Deep yellowish brown tint.

# WATER ANALYSIS. STATE BOARD OF HEALTH.

PARTS IN 100,000.

Number.	DATE OF		APPEARANCE.			ODOR.		Residue on Evaporat'n		AMMONIA.			CHLORINE.		NITRO-GEN AS.		Hardness.	Oxygen consumed.	Iron.
	Collection.	Examination.	Turbidity.	Sediment.	Color.	Cold.	Hot.	Total.	Loss on Ignition.	Free.	Total.	In solution.	In suspension.	Albuminoid.	Nitrates.	Nitrites.			
28,341	1899 Aug. 23	Aug. 24	Very slight.	Very slight.	0.70	None.	Very faintly vegetable.	4.65	2.15	.0002	.0296	.0272	.0024	.48	.0010	.0000	1.0	0.78	—
29,444	Nov. 20	Nov. 21	Very slight.	Very slight.	1.00	Faintly vegetable.	Distinctly vegetable.	5.20	2.70	.0030	.0308	.0298	.0010	.58	.0010	.0000	0.8	1.07	—

These samples were collected from the Old Storing Reservoir.

Scale of colors : 0=Colorless.  
1=Yellowish brown tint.  
2=Deep yellowish brown tint.

# WATER ANALYSIS. STATE BOARD OF HEALTH.

PARTS IN 100,000.

Number.	DATE OF		APPEARANCE.			ODOR.		Residue on Evaporat'n			AMMONIA.			CHLORINE.			NITRO-GEN AS			Oxygen consumed.	Iron.
	Collection.	Examination.	Turbidity.	Sediment.	Color.	Cold.	Hot.	Total.	Loss on Ignition.	Fixed.	Free.	Total.	In solution.	In suspension.	Nitrates.	Nitrites.	Hardness.				
25,801	18 <sup>98</sup> Dec. 28	29	Slight.	Very slight.	1.18	None.	None.	4.85	2.75	2.10	.0000	.0250	.0224	.0026	.54	.0010	.0000	0.8	1.44		
26,271	18 <sup>99</sup> Feb. 19	21	Very slight.	Very slight.	.96	None.	Very faintly vegetable.	4.25	2.50	1.75	.0012	.0182	.0178	.0004	.47	.0010	.0000	0.3	1.18		
26,757	Apr. 12	14	Very slight.	Very slight.	.69	Faintly vegetable and mouldy.	Distinctly vegetable and faintly mouldy.	3.35	2.00	1.35	.0004	.0166	.0162	.0004	.37	.0010	.0000	0.0	.78		
27,565	June 24	June 26	Very slight.	Very slight.	.64	Very faintly vegetable.	Very faintly vegetable.	3.00	1.50	1.50	.0014	.0192	.0182	.0010	.46	.0010	.0000	0.2	.72		

These samples were collected from Long Pond.

Scale of colors: 0=Colorless.  
1=Yellowish brown tint.  
2=Deep yellowish brown tint.

# WATER ANALYSIS. STATE BOARD OF HEALTH.

PARTS IN 100,000.

Number.	DATE OF		APPEARANCE.		ODOR.		Residue on Evaporation.			AMMONIA.			NITRO-GEN AS		Oxygen consumed.	Iron.
	Collection.	Examination.	Turbidity.	Sediment.	Color.	Cold.	Hot.	Total.	Loss on ignition.	Fixed.	Free.	Total.	In solution.	In suspension.		
25,798	18'98 Dec. 28	Dec. 29	Very slight.	Very slight.	.71	None.	Very faintly vegetable.	4.10	2.35	1.75	.0000	.0194	.0176	.0018	.60	.91
26,272	18'99 Feb. 19	Feb. 21	Very slight.	Very slight.	.70	Very faintly vegetable.	Faintly vegetable.	3.85	1.40	1.95	.0010	.0188	.0168	.0020	.52	.86
26,758	Apr. 12	Apr. 14	Very slight.	Slight.	.51	Faintly vegetable.	Distinctly vegetable.	3.35	1.85	1.50	.0008	.0168	.0158	.0010	.44	.66
27,563	June 24	June 26	Very slight.	Very slight.	.41	None.	Very faintly vegetable.	3.60	1.35	2.25	.0010	.0182	.0170	.0012	.48	.51
28,343	Aug. 23	Aug. 24	Very slight.	Very slight.	.28	Faintly vegetable.	Distinctly vegetable.	3.40	1.80	1.60	.0000	.0164	.0148	.0016	.48	.50

Scale of colors: 0=Colorless.  
1=Yellowish brown tint.  
2=Deep yellowish brown tint.

These samples were collected from  
Great Quittacas Pond.



# WATER ANALYSIS. STATE BOARD OF HEALTH.

PARTS IN 100,000.

Number.	DATE OF		APPEARANCE.		ODOR.		Residue on Evaporation		AMMONIA.			NITRO-GEN AS		Oxygen consumed.	Iron.					
	Collection.	Examination.	Turbidity.	Sediment.	Color.	Cold.	Hot.	Total.	Loss on ignition.	Fixed.	Free.	Albuminoid.				Nitrates.	Nitrites.	Hardness.		
												In solution.	In suspension.						CHLORINE.	
25,799	1898 Dec. 28	Dec. 29	Slight.	Slight.	.26	None.	None.	3.75	1.25	2.50	.0000	.0182	.0164	.0018	.60	.0010	.0001	1.7	.36	
26,273	1899 Feb. 19	Feb. 21	Very slight.	Slight.	.25	None.	Faintly fishy.	3.45	1.40	2.05	.0036	.0172	.0152	.0020	.51	.0020	.0000	0.8	.40	
26,759	Apr. 12	Apr. 14	Very slight.	Slight.	.22	Faintly vegetable.	Distinctly vegetable.	3.35	1.80	1.55	.0006	.0158	.0132	.0026	.44	.0010	.0000	0.3	.35	
27,564		June 24	June 26	Very slight.	Very slight.	.20	Very faintly vegetable.	Faintly vegetable.	3.15	1.25	1.90	.0022	.0182	.0178	.0004	.44	.0000	.0000	0.3	.35
28,344		Aug. 23	Aug. 24	Very slight.	Slight.	.20	Faintly vegetable.	Distinctly vegetable.	3.45	1.70	1.75	.0002	.0228	.0184	.0044	.46	.0010	.0000	0.6	.43
28,886		Oct. 4	Oct. 5	Very slight.	Very slight.	.12	None.	None.	3.00	1.00	2.00	.0004	.0184	.0180	.0004	.48	.0000	.0000	0.6	.35
29,132	Oct. 24	Oct. 25	Slight.	Very slight.	.20	Faintly vegetable.	Faintly vegetable.	3.70	1.35	2.35	.0012	.0186	.0180	.0006	.46	.0020	.0000	0.6	.34	

These samples were collected from Little Quittacas Pond.

Scale of colors : 0=Colorless.  
1=Yellowish brown tint.  
2=Deep yellowish brown tint.

# WATER ANALYSIS. STATE BOARD OF HEALTH.

PARTS IN 100,000.

Number.	DATE OF		APPEARANCE.			ODOR.		Residue on Evaporat'n		AMMONIA.				CHLORINE.		NITRO-GEN AS		Hardness.	Oxygen consumed.	Iron.
	Collection.	Examination.	Turbidity.	Sediment.	Color.	Cold.	Hot.	Total.	Loss on Ignition.	Free.	Total.	Albuminoid.		Nitrates.	Nitrites.					
												In solution.	In suspension.							
25,800	18 98 Dec. 28	Dec. 29	Very slight.	Very slight.	1.03	None.	Very faintly vegetable.	5.10	2.45	2.65	.0014	.0182	.0172	.0010	.62	.0040	.0000	1.1	1.15	—
26,270	18 99 Feb. 19	Feb. 21	Very slight.	Very slight.	.70	Faintly vegetable.	Faintly vegetable.	4.25	1.85	2.40	.0028	.0154	.0144	.0010	.54	.0060	.0001	0.8	.73	—
26,756	Apr. 12	Apr. 14	Very slight.	Very slight.	.52	Faintly vegetable.	Distinctly vegetable.	3.50	2.00	1.50	.0024	.0164	.0152	.0012	.46	.0020	.0000	0.0	.67	—
27,566	June 24	June 26	Very slight.	Very slight.	.98	Very faintly vegetable.	Faintly vegetable.	4.25	2.00	2.35	.0032	.0298	.0280	.0018	.53	.0040	.0000	0.3	.86	—

These samples were collected from the conduit at the entrance to the Receiving Reservoir.

Scale of colors: 0=Colorless.  
1=Yellowish brown tint.  
2=Deep yellowish brown tint.

## GREAT QUITTACAS POND.

The water level of this pond reached the lowest stage on November 25th, elevation 49.35. At this date it is at elevation 49.50.

The old culvert at the easterly end of Long Point, which has been the connecting link between Great Quittacas and Pockshire ponds in the past was closed and filled up on August 31st. Hereafter all water passing from Great Quittacas into Pockshire must do so through the waste-way constructed for that purpose in the Long Point dam.

## LITTLE QUITTACAS POND.

The water level of the pond on June 8th, when the pumps were started for the first time was elevation 49.71. The lowest point reached during the year was on October 23d, elevation 45.13. At this date the elevation is 47.39.

An earth embankment with sloping sides of stone connecting the shore in front of the pumping station with the gate house in the pond at the entrance of the conduit leading to the pump well has been constructed. This supplies a convenient method of getting at the screens and gates, located in this gate house which have to be frequently inspected.

Two sets of copper screens, having four meshes to the inch have been provided for the gate house. The water, in its passage to the pumps passes through these screens.

The pond was drawn down to an unusually low level to allow the placing of the above described embankment, also to clear the shores around the entire pond. A small portion of this shore near the pumping station and another portion just south of the Great Quittacas culvert has been cleaned in a very thorough manner. The grass and weeds

have been removed, leaving clean sand bottom. The remaining portion of the shore line has been mowed and cleaned up without disturbing the surface.

#### LAND AROUND PONDS.

The land around the pumping station was cleared, graded and seeded in the early part of the season. Paths were laid out as needed. It now presents a neat and attractive appearance.

The road from this station to the main road at Pleasantville has been widened, straightened and regraded.

A dwelling house, for the use of the pumping engineer, is now in process of erection. It is located upon the east side of the road leading through Pleasantville, about 1,100 feet north of the point where Whitestone brook crosses this road.

#### RAILROAD.

The railroad connecting Braley's Station with the Little Quittacas Pumping station, and which parallels the 48 inch steel force main has been used for the transportation of most of the supplies, principally coal. It is also daily used by a hand car to convey employees living in the city back and forth to connecting trains at Braley's.

Horses have been the motive power for conveying the coal cars between Braley's and the Pumping station. A steam hoist has been placed at the Quittacas station, by means of which a coal car is drawn up the slope leading into the coal shed.

## 48-INCH STEEL FORCE MAIN.

Early in the year it became necessary to take steps to prevent the further use of the road over the force main between Braley's and the Assonet road for heavy teaming. It afforded a convenient route for the carting of wood from adjoining land and was being much used for that purpose. The top of the embankments became deeply cut with ruts which resulted in damage by gullies, washed out by a rainfall. To prevent this, eight gates have been placed across the embankments at different places. These gates are kept locked.

During the year there have been ten leaks repaired upon the entire line. All were very insignificant, only a few taps of the caulking iron being required in each case.

## HIGH HILL RESERVOIR.

This reservoir remained filled with Acushnet water pumped from the Purchase street station soon after its completion in October, 1896, until May 1st. The drains were then opened, allowing it to gradually empty. The slopes and bottom were thoroughly cleaned. The gate houses were put in good order for the reception of the Quittacas supply. Water was first pumped from the Quittacas station on June 8th, and the first flow into the empty reservoir appeared at the weir at 11 h. 50 m. A. M. upon that day. There were 16.7 feet of water in this reservoir when the supply to the city was commenced on July 10th.

Two sets of copper screens, having eight meshes to the inch have been provided for the outlet gate chambers. The water from the reservoir passes through these screens before entering the distributing mains.



The apparatus for weir measurement of the flow from the pumps is in position in the inlet gate house.

A Winslow electric gauge, indicating and recording the height of water in this reservoir at the pumping station, eight miles distant has been placed in position.

Telephonic connection between the reservoir and pumping station has been installed.

An iron fence, enclosing the stone steps, and an observation stand upon the south embankment of the reservoir was erected in June.

The grass upon the top and outside slopes of the reservoir enclosure has received considerable care.

Everything connected with the reservoir is in good condition.

#### LONG PLAIN STORING RESERVOIR.

*Grades high water, 40. Top of embankment, 45. Invert conduit, 30. Top of conduit inside, 34. Area water shed, 5.1 sq. miles. Area water surface, (elevation 40.) 300 acres. Estimated contents (elevation 40.) 300,000,000 gallons.*

This reservoir remained full until May 22d. It then gradually settled, reaching its lowest level upon July 9th—36 inches below high water. The gates were closed down upon that date, and have not since been opened. At this date the reservoir is practically full. No work, other than that for ordinary maintenance has been required.

#### CONDUIT.

*Grades. Invert at storing reservoir, 30. Invert at receiving reservoir, 26.82. Length, 5.57 miles. Size, 3' x 4'. Capacity about 7,000,000 gallons in 24 hours.*

This structure needs a thorough repair before it is again placed in extended use. The last mile is now in a quite thickly populated district. When constructed it was in open country. In this portion, all openings by which ground water can gain an entrance to the interior should be stopped. This ground water may be affected by drainage, and is undesirable. The three wasteways, i. e., just below the dam, Morse's mill and Hersom's soap works; all located in embankments, should receive special attention.

## RECEIVING RESERVOIR.

*Grades high water, 30. Top of embankment, 34. Greatest depth, 12 ft. Area, 1.1 acres. Contents, 3,000,000 gallons.*

The floors of the gate house of this reservoir have badly decayed and need renewal.

## MOUNT PLEASANT RESERVOIR.

*Grades high water, 154.8. Top of embankment, 156.8. Crest of measuring weir, 153.8. Greatest depth, 18 feet. Area, 3.1 acres. Contents, 15,000,000 gallons.*

This reservoir remains in good condition.

## PUMPING.

No water has been supplied through the Purchase street station since 5 o'clock A. M., Monday, July 10th. Engine No. 1, then in operation was stopped at that time. Everything is kept in readiness for a quick start to meet an emergency. In anticipation of the transfer of the pumping operations to the Quittacas station, and the uncertainty of the future, the only attention given to repairs during the past few years were those absolutely necessary to maintain the plant in fair working condition. In consequence, the machinery as a whole is not in first-class condition. Parts of engine No. 1, (McAlpine), are much worn and considerable work in shape of repairs is needed. Engine No. 2, (Worthington), is in pretty good condition and the necessary repairs would be a small item. In late years this engine has operated very little as compared with the other two. Engine No. 3, (Worthington High Duty), needs an extensive overhauling; new sleeves are needed for its water plungers; new pistons for its low pressure steam cylinders; new steam valves, and minor parts require attention.

Boiler No. 1 (Belpaire) is in first-class condition. Boiler Nos. 3 and 4 (Horizontal tubular), are now nineteen years old. They are much worn, but are good for few years more service. Boilers Nos. 4 and 5 (Corliss upright), are in good working order. No repairs are needed.

Engine No. 1 (McAlpine) has operated 3,492 hours 50 minutes, pumping 887,751,910 gallons of water.

Engine No. 2 (Worthington) has operated 1,143 hours 10 minutes, pumping 148,573,352 gallons of water.

Engine No. 3 (Worthington H. D.) has operated 1,744 hours, pumping 369,980,892 gallons of water.

Total amount pumped at Purchase street station,	1,406,306,154 galls.
Daily average amount pumped,	6,363,376 "

The cost of pumping at the Purchase street station, figured upon pumping expenses has been as follows :

Cost of fuel used,	\$3,232.64
Salaries, engineers, firemen, watchmen, &c.,	4,084.02
Cost of oil, waste, packing and other supplies,	237.55
Repairs to machinery and boilers,	35.63
	\$7,589.84
Raising water into distributing reservoir per million gallons,	\$5.49
Raising water one foot high per million gallons,	4 $\frac{16}{100}$ cents

The operation of this plant of late years has been nearly continuous. Thus the machinery has kept in motion about two and one-half times as long each year as that connected with any corporation plant in this city.

At the Quittacas station, Engine B was first turned over by steam on June 6th. Delivered the first flow of water into High Hill reservoir June 8th. Commenced to supply the city on July 10th.

Engine A was first turned over by steam on July 20th. Commenced to pump for the first time on July 27th.

Since July 9th, Engine A has pumped	394,703,124	gals.
Engine B has pumped,	488,312,310	"
Total amount pumped,	883,015,434	"
Daily average amount pumped,	7,008,059	"

These engines are still in the hands of the contractors. It will be some weeks before the final touch to this contract is made and the engines ready for acceptance.

These engines are now just emerging from their construction period. There has been a constant interweaving of the work of construction and supply. Consequently there is a lack of the necessary data to accurately compile the usual duty statement up to the present time. The engines are working admirably and give great satisfaction. In the matter of economy they are realizing our full expectations.

There is only one boiler for the operation of this plant. This should be duplicated at an early date. I would recommend that this matter receive prompt attention.

The station has been supplied with a well equipped machine shop. An electric lighting plant has been installed. The Shone system of drainage has been supplied. Platform scales have been set. An electric watchman's clock has been installed. The building has been supplied with the necessary furniture. The piping for heating has been placed and good progress has been made in clearing up the building. As soon as the engine contract is fully completed, then the cement floor of the cellar and the finished floor of the engine room will be placed.

#### DISTRIBUTING MAIN FROM HIGH HILL.

The main pipe connecting High Hill reservoir with the distributing system at Mt. Pleasant reservoir remained filled with Acushnet water from November, 1896, when it was used to fill the first named reservoir, until the latter

part of June. It was then emptied and refilled with Little Quittacas water.

The connecting gate at Mt. Pleasant reservoir which controlled the flow of Little Quittacas water was opened for the first time at 6 o'clock A. M., on Monday, July 10th, and the additional pressure created by the water level of the High Hill reservoir was quickly felt throughout the city.

Since that time all the water supplied has been received from Little Quittacas pond through the High Hill reservoir and this pipe.

The plans for the new supply contemplated a line of twenty-four inch pipe connecting with the thirty-six inch main in Mt. Pleasant street at Grant street, and continuing easterly through Grant street, thence southerly and easterly to enter Purchase street in front of the Beacon Manufacturing Co. and to terminate with a connection with the twenty-four inch pipe now in Purchase street. We have the required stock for this work on hand, and I would urge that the necessary steps be taken to accomplish this work.

#### DISTRIBUTING SYSTEM.

The distributing mains have been increased 8,225 feet and 1,580 feet of pipe previously laid has been removed. The total mileage now in use is 90.5920.

A sixteen inch main has been placed in Purchase street, between Wamsutta and Pearl street, replacing a ten inch main originally laid. This completes a continuous line of sixteen inch pipe in Purchase street, between Weld and North streets.

A line of sixteen inch pipe is contemplated in Purchase street connecting the twenty-four inch pipe at Coggeshall street with the terminus of the sixteen inch pipe now in use. This is a desirable improvement and I would recommend that it soon be done.



The flexible jointed pipe laid last year in connection with the bridge construction between Fish and Popes Islands has been the source of considerable trouble. In the early part of the year a break occurred just outside the point where the pipe enters the Popes Island abutment. A heavy stone had been thrown over at this point by some person unknown, which landed upon the pipe and parted it. It was repaired by the use of a special sleeve made for the purpose in April at a cost of \$278.24.

The pipe when laid last year was placed across both draw openings below a depth of 18 feet at low water. The government dredging operations of the past season have greatly disturbed this location. The pipe was caught by the dredger several times and was left above the required depth in places. The line of pipe was found in a condition somewhat resembling a Virginia rail fence, with badly damaged joints. Repairs are in progress at this date. The line of pipe has been straightened as much as possible and has been placed below the required depth at all points. At this date the leaky joints are receiving attention.

There have been twenty-two leaks upon the mains the past year as herewith shown :

DATE	SIZE.	LOCATION.	CAUSE.	COST.
1898.				
Dec. 14,	16 in.,	Peckham st., east of Mt. Pleasant	Joint started,	\$7.22
Dec. 15,	6 in.,	Cedar st., south of Middle,	Joint started,	3.61
Dec. 22,	6 in.,	Water st., north of North,	Broken pipe,	13.66
1899.				
April 24,	6 in.,	River bottom, near Pope's Island,	Broken pipe,	278.24
July 11,	20 in.,	Sixth st., south of School,	Joint started,	4.42
July 26,	20 in.,	Pleasant st., south of Elm,	Broken pipe,	476.40
July 27,	4 in.,	Mt. Vernon st., west of Mt. Pleasant,	Joint started,	1.54
Aug. 7,	6 in.,	Acushnet ave., south of Bedford,	Joint started,	5.25
Aug. 9,	6 in.,	Bridge st., west of old draw,	Plug blew out	3.63
Aug. 19,	4 in.,	Chancery st., south of Clinton,	Broken pipe,	10.13
Aug. 25,	4 in.,	School st., cor. or Fourth,	Joint started,	2.56
Sept. 17,	8 in.,	Kempton st., cor. of Ash,	Joint started,	6.20
Sept. 25,	6 in.,	Front st., north of School,	Joint started,	1.78
Sept. 28,	6 in.,	Logan st., west of Bowditch,	Joint started,	7.68
Sept. 29,	8 in.,	Acushnet ave., north of Logan,	Joint started,	5.28
Oct. 1,	16 in.,	Linden st., west of County,	Broken pipe,	106.54
Oct. 4,	4 in.,	Commercial st., east of Front,	Joint started,	3.00
Oct. 15,	16 in.,	Ash st., south of Kempton,	Broken pipe,	60.92
Oct. 26,	6 in.,	Homer st., north of Parker,	Joint started,	4.27
Nov. 9,	8 in.,	Hillman st., west of Water,	Joint started,	4.25
Nov. 12,	2 in.,	In river, under old draw,	Joint broken,	22.00
Nov. 20,	6 in.,	Acushnet ave., north of Wamsutta,	Joint started,	4.45

Two of the above were unusually large breaks.

The first occurred in the twenty inch main in Pleasant street, just south of Elm on Tuesday, July 25th, at 10 o'clock P. M. The water was shut off at 10.40 o'clock P. M. The damage was caused by a burst in the pipe.

Repairs were completed and the water turned on by 7 o'clock the next morning.

The second occurred on Linden street, just west of County on Sunday, Oct. 1st, at 8.20 o'clock A. M. The size of the broken pipe was sixteen inch. In this case a good portion of the entire top of the pipe was blown off, probably caused by a water hammer, and a lively flood was created by this opening. The water was shut off at 9 o'clock. Repairs were completed and the water again turned on at 1.30 o'clock.

Both pipes had been tested under a much heavier pressure before they were laid than that under which they broke. The additional pressure of the new supply probably hastened the time of rupture, but this would doubtless have occurred sometime under the former pressure. There is a factor of uncertainty in cast iron; for with all precautions taken in the inspection and tests breaks occur in every city for which no special reason can be assigned.

One hundred and forty-four service pipes have been laid, and seven of those previously laid have been removed. The total number now in use is 9,151.

Seventy-nine service taps have been cleaned as follows: Rust, 51; mud, 6; eels, 2; trouble inside, 20. There were also 32 service pipes flushed out with a force pump.

Twenty-three new hydrants have been set, and thirteen of those previously set have been removed. The total number now in use is 723.

Seven new watering cart hydrants have been set. The total number now in use is fifty-one.

Eighteen new stop gates have been set and three of those previously set have been removed. The total number now in use is 1,027.

Seven small sized stop gates have been set. The total number now in use is seventy-nine.

Eight private stop gates have been set and one of those previously set has been removed. The total number now in use is 205.

Four new air taps have been set. The total number now in use is forty-two.

The total number of motors is ninety-nine.

The total number of meters now in use is 1,098. This list may be divided as follows :

Manufacturing supplies,	59
Domestic supplies,	1,035
Public supplies,	4

The following is a list of the different patterns used :

Crown,	241
Union rotary,	73
Hersey,	110
Hersey disc,	233
Empire,	94
Nash,	105
Trident,	74
Gem,	4
Lambert,	160
Thomson,	4

#### ELECTROYSIS.

An immense amount of damage is being inflicted upon water pipes throughout the entire country by reason of the corrosion due to the escaping current of electricity. It is receiving the careful study of recognized experts everywhere in order to determine the best method of elimination. In our city thus far we have apparently escaped this trouble. This may be due to the action of the street

railway company in making liberal expenditures for various devices to lessen the escaping current, or it may be that the corrosion is going on and when finally discovered by a big leak, damage will have been done. A single leak is not to be so much feared as the silent continued wasting that may be going on from currents escaping over large sections. Suburban lines generally give more trouble than the lines in crowded parts of the city. Since the thorough electric survey made in 1896 there has been nothing done to ascertain if there has been any change in our conditions. Many cities have adopted a periodical examination in order to locate the danger points which may change from time to time. Especially should we be fully informed regarding the condition of the steel force main where it parallels the electric road near Long pond. I would recommend that an electrolytic examination of our water pipes soon be ordered by you with the view of obtaining information as to their present condition.

#### CONSUMPTION.

The following tables present interesting statistics regarding the consumption of water :



MONTHLY CONSUMPTION AND RECORD OF PRESSURE  
AT THE CITY HALL.

1899.	Monthly Consumption.	Daily Average.	Pounds Pressure 10 A. M.			Pounds Pressure Midnight.		
MONTH.	Gallons.	Gallons.	Max.	Min.	Av.	Max.	Min.	Av.
January.	200,928,631	6,481,569	35	30	32	37	34	35
February.	191,908,116	6,853,861	35	29	32	37	31	35
March.	185,150,682	5,972,603	35	30	33	37	35	36
April.	176,262,188	5,875,406	36	30	32	37	35	36
May.	187,842,345	6,059,430	35	31	32	37	35	36
June.	214,571,886	7,152,397	35	31	33	38	35	37
July, <sup>1-9</sup> 10-31	218,537,318	7,049,591	36 59	32 48	33 52	36 61	35 57	35 58
August.	200,524,170	6,468,522	60	51	55	62	59	60
September.	179,660,312	5,988,677	61	53	55	64	60	62
October.	173,615,066	5,600,486	62	55	58	63	61	62
November.	163,412,076	5,447,069	61	57	59	63	61	62
December.	168,702,710	5,442,023	62	57	59	64	61	63
Averages.	188,426,292	6,194,837						

COMPARISON OF THE CONSUMPTION OF THE YEAR 1899  
WITH THE RECORD OF THE 17 PREVIOUS YEARS.

Year.	Estimated population.	Estimated number of consumers.	Total number of gallons consumed.	Average daily consumption.	Number of taps.	Gallons per day to each inhabitant.	Gallons per day to each consumer.	Gallons per day to each tap.
1882	28,500	20,424	859,119,622	2,326,352	4,203	82	114	553
1883	30,000	22,249	849,059,700	2,326,191	4,465	78	105	521
1884	33,000	23,749	867,815,595	2,371,080	4,691	72	100	506
1885	33,700	25,375	1,049,801,050	2,876,167	4,965	85	113	579
1886	34,500	28,480	1,086,534,615	2,976,807	5,225	86	104	569
1887	36,000	30,080	1,112,302,789	3,047,404	5,495	85	101	555
1888	37,500	31,826	1,229,841,794	3,360,223	5,785	89	109	581
1889	40,000	34,000	1,310,488,214	3,590,379	6,104	90	106	588
1890	41,500	35,740	1,485,143,213	4,066,200	6,394	98	114	636
1891	45,000	38,500	1,513,161,482	4,145,648	6,742	92	108	615
1892	50,000	41,776	1,607,955,166	4,393,320	7,134	88	105	616
1893	55,000	44,158	1,824,275,536	4,998,015	7,531	99	113	664
1894	56,000	44,661	1,747,167,532	4,786,760	7,767	85	107	616
1895	56,300	46,154	1,719,830,979	4,711,866	8,027	84	102	587
1896	59,000	48,570	1,924,800,313	5,259,017	8,447	89	108	623
1897	60,000	50,000	2,071,702,478	5,675,897	8,860	95	113	641
1898	58,000	50,000	2,156,277,643	5,907,610	9,014	102	118	655
1899	58,000	50,000	2,261,115,500	6,194,837	9,151	107	124	677

The maximum daily consumption was on Friday, February 10th, 9,618,013 gallons. The minimum was on Sunday, October 8th, 3,662,560 gallons. The consumption has exceeded 9,000,000 gallons on two days; 8,000,000 on nineteen days; and 7,000,00 gallons on sixty-four days.

The figures as a whole show a considerable increase over those of last year. That increase however was wholly confined to the first eight months.

The introduction of the new supply in July brought relief regarding the capacity of the supply; for since that event we have been prepared to meet almost any emergency likely to occur. For many previous months the means of supply was inadequate. The experience of February and again in June, when water was being used in excess of the capacity of the pumps, and when the supply failed to reach many takers in the elevated district were anxious moments. The situation on February 10th, at the beginning of a cold wave, when the Mt. Pleasant reservoir settled over two feet during the afternoon was positively alarming; and it was only due to the prompt action taken by you in quickly notifying the takers of the situation and urging less use, that a serious water famine was then averted.

With the introduction of the Quittacas supply a thorough house to house inspection resulted in locating numerous leaks. The additional pressure of the new supply had quickly found the weak spots in the plumbing. Each case was followed up until the proper repairs were completed. It is significant to here record the fact that no trouble from wastage was experienced from the 1,100 metered supplies, which demonstrates the fact that takers will exercise a care over fixtures and plumbing when metered, which otherwise they are not likely to do.

We are now using less water under a greater pressure than we did a year ago. Our rate per capita still remains large. The introduction of more meters will result in a further reduction in the consumption.

Respectfully submitted,

R. C. P. COGGESHALL,

Superintendent.

TABLE A.

## STATEMENT OF WORK DONE BY ENGINE NO. 1 [McALPINE], FOR YEAR ENDING DECEMBER 1, 1899.

Diameter of steam cylinder, 38 in.

Length of stroke, 8 feet.

Average working steam pressure, 30 lbs.

MONTHS.	Number of days or parts of days pumping.	H. M.	Strokes.	Average number of strokes per minute.	FUEL.										Total number of gallons pumped per month, allowance being made for slip.	Number of gallons pumped per pound of coal, for total coal.	Number of gallons raised 100 feet per pound of coal, for total coal.	Average dynamic head against pump in feet, no allowance for friction in suction.	Average duty in pounds raised one foot high per 100 pounds of coal, calculated on total fuel used for all purposes, no deductions.	Average duty in pounds raised one foot high per 100 pounds of coal, calculated on amount of combustible coal used while pumping.		
					COAL.					FUEL.												
					LBS.	Wood 3 =Coal.	LBS.	Raising steam and banking.	LBS.	Ashes and clinkers.	Pumping.		Total.								LBS.	Total fuel.
											LBS.	LBS.	LBS.	LBS.								
December, 1898	31	726	620,572	14.2															83,115,172			
January, 1899	21	486	422,136	14.5															82,701,358			
February, "	"	"	"	"																		
March, "	"	"	"	"																		
April, "	26	602 30	515,220	14.3	225	200	15,295	203,005	218,500	218,575	150,959,460	691	926	134.07	77,244,927	83,147,895						
May, "	31	743 20	640,084	14.4			18,680	248,170	266,850	266,850	187,544,612	703	941	133.91	78,490,886	84,398,431						
June, "	30	720	641,961	14.9			19,050	253,100	272,150	272,150	188,094,573	691	933	135.02	77,827,821	83,685,126						
July, "	9	215	188,897	14.7			5,681	75,469	81,150	81,150	55,639,821	686	916	133.53	76,355,812	82,103,568						
August, "	"	"	"	"																		
September, "	"	"	"	"																		
October, "	"	"	"	"																		
November, "	"	"	"	"																		
Totals and Av.	148	3,492 50	3,029,870	14.5	225	200	89,677	1,191,223	1,281,100	1,281,175	887,751,910	693	930	134.16	77,530,442	83,354,945						



TABLE B.

STATEMENT OF WORK DONE BY ENGINE NO. 2 [WORTHINGTON] FOR THE YEAR  
ENDING DECEMBER 1, 1899.

Diameter of H. P. steam cylinder, 22 inch.  
Diameter of L. P. steam cylinder, 36 inch.

Length of stroke, 36½ in.

Average working steam pressure, 30 lbs.

MONTHS.	Number of days or parts of days pumping.	H. M.	Total pumping time per month.	Strokes.	Total number of strokes per month.	Average number of strokes per minute.	Lbs. of Wood.				FUEL.				Total number of gallons pumped per month, allowance being made for slip.	Number of gallons pumped per pound of coal, for total coal.	Number of gallons raised 100 feet per pound of coal, for total coal.	Average dynamic head against pump in feet, no allowance for friction in suction.	Average duty in pounds raised one foot high per 100 pounds of coal, calculated on total fuel used for all purposes, no deductions.	LBS.	Average duty in pounds raised one foot high per 100 pounds of coal, calculated on amount of combustible coal used while pumping.					
							Wood	3	LBS.	Raising steam and banking.	Ashes and clinkers.	Pumping.	Total.	LBS.								Total fuel.				
																							COAL.			
																							FUEL.			
December, 1898	4	40 30	39,099	16.1	225	857	11,393	12,250	12,250	5,786,652	472	596	126.3	49,757,744	53,500,602											
January, 1899	14	203	184,025	15.1	225	3,997	53,103	57,100	57,175	27,235,700	477	603	126.42	50,224,336	54,075,597											
February, "	21	380	350,213	15.4		7,924	105,276	113,200	113,200	51,891,524	458	614	134.05	51,189,445	55,042,414											
March, "	18	282	245,613	14.5		5,037	66,913	71,950	71,950	36,350,724	505	637	126.23	53,187,602	57,191,462											
April, "	1	6 30	7,357	18.9		154	2,046	2,200	2,200	1,088,886	495	623	125.84	51,942,704	55,852,369											
May, "																										
June, "	16	231 10	177,567	12.8		3,755	49,895	53,650	53,650	26,279,916	490	627	127.97	52,279,144	56,213,570											
July, "																										
August, "																										
September, "																										
October, "																										
November, "																										
Totals and Av.	74	1,143 10	1,063,874	14.6	225	21,724	288,626	310,350	310,425	148,573,352	479	619	129.29	51,607,785	55,505,556											

TABLE C.

## STATEMENT OF WORK DONE BY ENGINE NO. 3, [WORTHINGTON HIGH DUTY] FOR THE YEAR ENDING DECEMBER 1, 1899.

MONTHS.	Number of days or parts of days pumping.	H. M.	Total number of strokes per month.	Strokes.	Average number of strokes per minute.	FUEL.						Total number of gallons pumped per month, allowance being made for slip.	GALS.	GALS.	Number of gallons pumped per pound of coal.	GALS.	Number of gallons raised for total coal.	Average dynamic head against pump in feet no allowance for friction in suction.	FEET.	LBS.	LBS.	Average duty in pounds raised one foot high per 100 pounds of coal, calculated on amount of combustible coal used while pumping.				
						Wood 3 = Coal.	Raising steam and banking.	LBS.	Ashes and clinkers.	Pumping.	Total.												LBS.	Total fuel.		
																									COAL.	LBS.
December, 1898.		254	267,809	17.6			4,763	63,287	68,050		68,050		763	968	126.89		80,796,438	86,877,204								
January, 1899.	11	672	743,415	18.4			12,929	171,771	184,700		184,700		781	1,001	984	128.12		83,435,166	89,715,232							
February, "	28	710	772,625	18.1			13,535	179,815	193,350		193,350		775	984	988	127.02		82,122,936	88,304,478							
March, "	31	108	123,269	19.0			2,149	28,551	30,700		30,700		779	988	988	126.83		82,305,837	88,397,674							
April, "	5																									
May, "																										
June, "																										
July, "																										
August, "																										
September, "																										
October, "																										
November, "																										
Totals and av.	75	1744	1,907,118	18.2			33,376	443,424	476,800		476,800		776	989	989	127.41		82,454,168	88,660,396							

Diameter of H. P. steam cylinder, 18 in.

Length of stroke, 26 in.

Average working steam pressure, 110 lbs.

Diameter of L. P. steam cylinder, 36 in.

TABLE D.

LOCATION AND SIZE OF CAST IRON PIPE LAID IN 1899.

LOCATION.	16 inch.	10 inch.	8 inch.	6 inch.	4 inch.
Belleville ave, from Davis to Earle st,		249			
Bentley st, from 233 feet west of Acushnet ave to Bowditch st,				280	
Bowditch st, from 4 feet north of Deane st to 6 feet south of Coffin ave,				251	
Brook st, from Holly st north,				60	
Brownell st, from 295 feet south of Union st south,				93	
Cottage st, from Elm to Morgan st,			243		
Cottage st, from 73 feet south of Durfee to Austin st,			431		
Earle st, from Belleville ave, west,				153	
Elm st, from 84 feet east of Palmer to Rounds st,				137	
Fair st, from Bonney st west,				135	
Franklin st, from Purchase st west,				21	
Hathaway ave, from 279 feet west of Acushnet ave west,				179	
Hazard st, from Purchase st west,				21	
Holly st, from 562 feet west of Bowditch to Brook st,				31	
Holly st, from 197 feet east of Front to 14 feet west of Belleville ave,		261			
Liberty st, from 128 feet north of Court to Morgan st,				193	
Liberty st, from 645 feet south of Kempton to Morgan st,					50
Morgan st, from No. Liberty to So. Liberty st,				20	
Park st, from Arnold st south,			136		
Pierce st, from 254 feet north of Court to Elm st,				210	
Pope st, from Purchase st west,				20	
Potter st, from Shawmut ave east,				430	
Purchase st, from 12 feet south of north line Wamsutta to 12 ft north of Pearl st,	1,550				
Rockdale ave, from 616 feet north of Hillman st north,			47		
Sawyer st, from County st west,			662		
South st, from Crapo st east,				163	
Summer st, from Parker to Pope st,			255		
Union st, from 443 feet west of Park to Tremont st,				315	
Valentine st, from Brock ave west,				208	
Willard st, from Brock ave west,				384	
Wood st, from Acushnet ave west,				381	
Woodlawn st, from Brock ave west,				656	
Totals,	1,550	510	1,774	4,341	50

## CAST IRON PIPE REMOVED IN 1899.

LOCATION.	10 inch.	4 inch.
Franklin street, from Purchase street west.		21
Hazard street, from Purchase street west.		21
Purchase street, from 12 feet south of north line Wamsutta to 12 feet north of Pearl street.	1538	
Totals.	1538	42

## SUMMARY.

## PIPE LAID AND REMOVED.

	36 inch.	30 inch.	24 inch.	20 inch.	16 inch.	12 inch.	10 inch.	8 inch.	6 inch.	4 inch.
Previous to 1899, Laid in 1899.	21,532	6,657	4,067	11,290	26,843 1,550	18,850	39,044 516	102,691 1,774	157,532 4,341	83,175 50
Total laid, Removed in 1899.	21,532	6,657	4,067	11,290	28,393	18,850	39,554 1,538	104,465	161,873	83,225 42
Total now in use,	21,532	6,657	4,067	11,290	28,393	18,850	38,016	104,465	161,873	83,183

Total length laid in 1899,

Total length removed in 1899,

Total length of pipe in use Dec. 1st., 1899,

8,225 feet, or 1.5578 miles.

1,580 feet, or 0.2992 miles.

478,326 feet, or 90.5920 miles.



TABLE E.

## LOCATION OF STOP GATES SET IN 1899.

LOCATION.	16 inch.	8 inch.	6 inch.
Acushnet avenue, at hydrant northwest corner William street.			1
Earle street, west side Belleville avenue.			1
Franklin street, west side Purchase street.			1
Hazard street, west side Purchase street.			1
Holly street, east side Brook street.			1
Park street, south side Arnold street.		1	
Pope street, west side Purchase street.			1
Potter street, east side Shawmut avenue.			1
Purchase street, south side Merrimac street.	1		
Sawyer street, west side County street.		1	
Summer street, north side Parker street.		1	
Union street, west side Park street.			1
Union street, east side Tremont street.			1
Valentine street, west side Brock avenue.			1
Wamsutta street, at hydrant south side, 286 feet east of Acushnet avenue,			1
Willard street, west side Brock avenue.			1
Wood street, west side Acushnet avenue.			1
Woodlawn street, west side Brock avenue.			1
Totals.	1	3	14

## STOP GATES REMOVED IN 1899.

LOCATION.	10 inch.	4 inch.
Franklin street, west side Purchase street,		1
Hazard street, west side Purchase street,		1
Purchase street, south side Merrimac street,	1	
Totals,	1	2

Number of stop gates set in 1899,	18
Number removed,	3
Number in use at date of last report,	1,012
Number in use Dec. 1, 1899,	1,027

TABLE F.  
SMALL SIZED STOP GATES SET IN 1899.

LOCATION.	2 inch.
Arnold street, at watering cart hydrant, head of Arnold place,	1
Bonney street, at watering cart hydrant, southwest corner of Grinnell street,	1
Campbell street, at watering cart hydrant, south side, west of Cottage street,	1
Maxfield street, at watering cart hydrant, south side, west of State street,	1
Mt. Pleasant street, at watering cart hydrant, west side, south of Tarkiln Hill,	1
Mt. Pleasant street, at watering cart hydrant, west side, north of Nash road,	1
Plainville road, at watering cart hydrant, south side, east of Shawmut avenue,	1

Number set in 1899,	7
Number in use at date of last report,	72
Number in use Dec. 1st, 1899,	79

TABLE G.  
PRIVATE STOP GATES SET IN 1899.

LOCATION.	6 inch.	4 inch.	3 inch.	2 inch.
Acushnet avenue at Brooklawn park,				1
Brock avenue, at U. S. Government reservation,				1
Brook street at B. Dawson & Son's brewery,			1	
Cedar street at Union Baptist church,				1
Fourth street, at Morse Twist Drill & Machine Co.,	1			
Front street, at J. C. Rhodes & Co.'s factory,				1
Liberty street, at Harrington school,				1
Purchase street at Textile school,		1		
Totals,	1	1	1	5

#### REMOVED.

Fourth street, at Morse Twist Drill & Machine Co., one 4 inch.

Number set in 1899,	8
Number removed,	1
Number to be added,	7
Number in use at date of last report,	198
Number in use December 1, 1899,	205

TABLE H.  
LOCATION OF AIR TAPS SET IN 1899.

LOCATION.	inch.	
	$\frac{3}{4}$	$\frac{1}{2}$
Bridge, in gate box west side Pope's Island,		1
Purchase street, southwest corner Merrimac street,	2	
Woodlawn street, south side, 377 feet west of Brock avenue,		1
Totals,	2	2

Number set in 1899,	4
Number in use at date of last report,	38
Number in use Dec. 1, 1899,	42



## TABLE I.

## LOCATION OF HYDRANTS SET IN 1899.

Acushnet ave., northwest corner William street.  
 Brownell street, west side, 387 feet south of Union street.  
 Cedar street, northwest corner Elm.  
 Earle street, south side, 135 feet west of Belleville ave.  
 Franklin street, southwest corner Purchase street.  
 Hathaway ave., southeast corner Bowditch street.  
 Hazard street, southwest corner Purchase street.  
 Kempton street, southwest corner Liberty street.  
 Kempton street, southwest corner Park street.  
 Liberty street, west side, 164 feet north of Court street.  
 Merrimac street, southwest corner Purchase street.  
 Pope street, southwest corner Purchase street.  
 Potter street, south side, 404 feet east of Shawmut avenue.  
 Rockdale avenue, west side, 126 feet north of Milton street.  
 Sawyer street, south side, 644 feet west of County street.  
 Smith street, southeast corner Shawmut avenue.  
 South street, south side, 137 feet east of Crapo street.  
 Union street, southwest corner of Ocean street.  
 Valentine street, south side, 187 feet west of Brock avenue.  
 Wamsutta street, south side, 286 feet east of Acushnet avenue.  
 Willard street, south side, 363 feet west of Brock avenue.  
 Wood street, south side, 365 feet west of Acushnet avenue.  
 Woodlawn street, south side, 636 feet west of Brock avenue.

## REMOVED

Brownell street, west side, 294 feet south of Union street. Post.  
 Cedar street, northwest corner Elm street. Double Flush.  
 Hathaway avenue, south side, 278 feet west of Acushnet avenue. Post.  
 Kempton street, southwest corner Liberty street. Flush.  
 Kempton street, southwest corner Park street. Flush.  
 Liberty street, west side, 128 feet north of Court street. Post.  
 Purchase street, northwest corner Pope street. Flush.  
 Purchase street, northwest corner Merrimac street. Double Flush.  
 Rockdale avenue, west side, 79 feet north of Milton street. Post.  
 Smith street, southeast corner Shawmut avenue. Flush.  
 Union street, southeast corner Ocean street. Post.  
 Wamsutta street, south side, 286 feet east of Acushnet av. Double Flush.  
 William street, southeast corner Acushnet avenue. Post.

Number set during 1899,	23
Number removed during 1899,	13
Number to be added,	10
Number in use at date of last report,	713
Total number in use December 1st, 1899.	723

## TABLE J.

## WATERING CART HYDRANTS SET IN 1899.

Arnold street, south side at head of Arnold Place.  
Bonney street, southwest corner Grinnell street.  
Campbell street, south side, 19 feet west of Cottage street.  
Maxfield street, south side, 84 feet west of State street.  
Mt. Pleasant street, west side, 39 feet south of Tarkiln Hill road.  
Mt. Pleasant street, west side, 344 feet north of Nash road.  
Plainville road, south side, 1,146 feet east of Shawmut avenue.

Number set 1899,	7
Number in use at date of last report,	44
	<hr/>
Number in use December 1st, 1899,	51

TABLE K.

STATEMENT OF WORK DONE BY THE SERVICE DEPARTMENT FOR THE YEAR ENDING DEC. 1, 1899.

KIND AND SIZE.	NUMBER OF SERVICES.	LENGTH ON TAKER.	LENGTH ON CITY.
Lead pipe, $\frac{1}{2}$ inch, heavy,	18	112.	393.
Lead pipe, $\frac{3}{8}$ inch, heavy,	46	725.5	1,070.5
Lead pipe, $\frac{3}{8}$ inch, light,	38	413.	870.
Lead pipe, $\frac{3}{4}$ inch, heavy,	2	14.	32.
Lead pipe, $\frac{3}{4}$ inch, light,	29	526.5	599.
Lead pipe, 1 inch, heavy,		9.	
Lead pipe, 1 inch, light,	3	160.	28.
Cast iron pipe, 6 inch,	1	16.	
Cast iron pipe, 4 inch,	2	31.	
Cast iron pipe, 3 inch,	1	17.	
Cast iron pipe, 2 inch,	2	580.	
Wrought iron pipe, 2 inch,	1	20.5	
Galvanized iron pipe, $1\frac{1}{2}$ inch,	1	772.	
Totals,	144	3396.5	2,992.5

One  $\frac{3}{4}$  inch heavy lead service has been removed and replaced by 2 inch cast iron.

One  $\frac{3}{8}$  inch iron service has been removed and replaced by  $\frac{3}{4}$  inch light lead.

One  $\frac{3}{8}$  inch iron service has been removed and replaced by  $\frac{1}{2}$  inch heavy lead.

One  $\frac{3}{8}$  inch light lead service has been removed and replaced by 1 inch heavy lead.

Two  $\frac{1}{2}$  inch lead services have been removed and replaced by  $\frac{3}{8}$  inch heavy lead.

One  $\frac{1}{2}$  inch iron service has been removed and replaced by  $\frac{3}{8}$  inch heavy lead.

Three  $\frac{3}{8}$  inch iron services have been removed and replaced by  $\frac{3}{8}$  inch heavy lead.

One  $\frac{3}{4}$  inch iron service has been removed and replaced by 1 inch light lead.

One  $\frac{3}{4}$  inch tin lined service has been removed and replaced by  $\frac{3}{8}$  inch heavy lead.

One  $\frac{3}{8}$  inch iron service has been removed and replaced by  $\frac{3}{8}$  inch light lead.

One  $\frac{3}{8}$  inch tin lined service has been removed and replaced by  $\frac{3}{8}$  inch heavy lead.

One 1 inch iron service has been removed and replaced by 1 inch light lead.

One 1 inch light lead service has been removed and replaced by  $\frac{3}{8}$  inch heavy lead.

One 1 inch iron service has been removed from tap to stop and replaced by 1 inch light lead.

Six connections to services previously laid have been made by owners.

Five connections have been made by the City, using 79 feet of  $\frac{3}{8}$  inch heavy lead pipe.

One four inch iron, one  $\frac{3}{4}$  inch heavy lead, one  $\frac{3}{8}$  inch heavy lead, one  $\frac{3}{8}$  inch light lead, and three  $\frac{1}{2}$  inch heavy lead services have been removed.

Length of service pipe laid during the year, 6389 feet or  $1\frac{21}{100}$  miles.

Total number of services in use Dec. 1, 1899, 9,151.

TABLE L.

AIR TAPS IN USE DECEMBER 1, 1899.

LOCATION.	SIZE.
Ashland street, southeast corner Linden,	inch.
Bridge, in gate box west side Pope's Island,	1 "
Cedar street, west side, north of Maitland,	1 "
County street, west side, north of Locust,	1 "
County street, southwest corner Hillman,	1 "
County street, west side, north of Kempton,	1 "
County street, southwest corner Morgan,	1 "
County street, west side, head of Spring,	1 "
County street, west side, south of Bedford,	1 "
Dean street, southwest corner Purchase,	1 "
Durfee street, south side, west of Cottage,	1 "
Elm street, south side, east of County,	1 "
Hillman street, south side, east of County,	1 "
Kempton street, south side, east of County,	1 "
Middle street, south side, east of County,	1 "
Mt. Pleasant street, west side, north of King's Highway,	1 "
Mt. Pleasant street, west side, north of Nash road,	1 "
Mt. Pleasant street, north side gate box No. 40, south of Peck-	1 "
ham street,	1 "
Mt. Pleasant street, south side gate box No. 40, south of Peck-	1 "
ham street,	1 "
Mt. Pleasant street, east side gate box No. 41,	1 "
Mt. Pleasant street, south side gate box No. 42, south of Peck-	1 "
ham street,	1 "
Mt. Pleasant street, north side Durfee, in 30 inch gate box,	1 "
Mt. Pleasant street, north side Durfee, in 24 inch gate box,	1 "
North street, south side, east of County,	1 "
Plainville road, south side, east of Shawmut ave., 3744 feet,	1 "
Plainville road, south side, east of Shawmut ave., 5,734 feet,	1 "
Pleasant street, west side, north of Maxfield,	1 "
Pleasant street, west side, south of Hillman,	1 "
Pleasant street, west side, north of Kempton,	1 "
Pleasant street, west side, south of Kempton,	1 "
Purchase street, south side Merrimac,	2 "
Sixth street, west side, north of Spring,	1 "
Sixth street, west side, south of Walnut,	1 "
Sixth street, west side, south of Bedford,	1 "
State street, west side, north of Austin,	1 "
State street, west side, north of Franklin,	1 "
Union street, south side, east of County,	1 "
William street, south side, east of County,	1 "
Woodlawn street, south side, 377 feet west of Brock avenue,	1 "
At High Hill reservoir, east side,	1 "
At High Hill reservoir, south side,	1 "

Total number in use, 42.



## TABLE M.

## WATERING CART HYDRANTS.

Acushnet avenue, west side, 4.5 feet north from north line Belleville road.  
Acushnet avenue, west side, 13.5 feet north from north line Howard avenue.  
Acushnet avenue, west side, 11.9 feet south from south line Tarkiln Hill road.  
Acushnet avenue, west side, 3,741.2 feet north from north line Tarkiln Hill road.  
Allen street, north side, 154 feet east of Page.  
Arnold street, south side, opposite Arnold Place.  
Bedford street, south side, 86 feet west of Fourth.  
Bonney street, southwest corner of Grinnell.  
Butler street, south side, 13 feet east of Brock avenue.  
Campbell street, south side, 87 feet west of Purchase.  
Campbell street, south side, 19 feet west of Cottage.  
Cedar Grove street, south side, 63 feet east of Acushnet avenue.  
Coffin avenue, south side, 16.5 feet west of Acushnet avenue.  
Commercial street, south side, 20.2 feet east of Water.  
County street, west side, 32.2 feet north of Allen.  
Court street, north side, 15 feet east of Ash.  
Cove road, southwest corner, West French avenue.  
Dartmouth street, east side, 13 feet south of Oak.  
Elm street, south side, 57.4 feet west of Purchase.  
First street, west side, 118 feet south of School.  
First street, west side, 28 feet south of Grinnell.  
Grinnell street, south side, 31 feet east of County.  
Hawthorn street, south side, 17 feet east of Cottage.  
Hawthorn street, head of Tremont.  
Hazard street, south side, 21 feet west of Purchase.  
Kempton street, south side, 72 feet west of County.  
Kempton street, south side, 102 feet east of Newton.  
Kempton street, south side, 16 feet east of Rockdale avenue.  
Linden street, south side, 30 feet west of Purchase.  
Locust street, south side, 25 feet west of County.  
Madison street, south side, 17 feet east of Fourth.  
Madison street, south side, 39 feet west of County.  
Maxfield street, south side, 84 feet west of State.  
Mill street, southwest corner of Purchase.  
Mt. Pleasant street, west side, 39 feet south of Tarkiln Hill road.  
Mt. Pleasant street, west side, 344 feet north of Nash road.  
Mt. Vernon street, south side, 14 feet west of Mt Pleasant.

Plainville road, south side, 1146 feet east of Shawmut avenue.

Poplar road, north side, 32 feet west of Bolton road.

Reynolds street, west side, 8 feet north of Linden.

Robeson street, south side, 38 feet west of Cedar.

Sawyer street, north side, 419.8 feet east of Mitchell.

Smith street, south side, 53 feet east of Park.

Spring street, north side, 45.2 feet east of Seventh.

Summer street, west side, 4 feet north of Hillman.

Sycamore street, south side, 77 feet west of County.

Thompson street, south side, 40.4 feet east of Crapo.

Union street, south side, 65 feet west of County.

Water street, west side, 6 feet south of Blackmer.

William street, south side, 27 feet east of Second.

Willis street, south side, 7.5 feet east of Acushnet avenue.

Number now in use,

51

## TABLE N.

## LOCATION OF HYDRANTS.

Abbott street, northwest corner Ruth avenue . . . . .	
Acushnet av, west side, north of Tarkiln Hill road, 3743.2 feet.	
Acushnet av, west side, north of Tarkiln Hill road, 2986.7 feet.	
Acushnet av, west side, north of Tarkiln Hill road 2392.7 feet.	
Acushnet ave, west side north of Tarkiln Hill road 1783.3 feet.	
Acushnet av, west side, north of Tarkiln Hill road 1195.3 feet.	
Acushnet av, west side, north of Tarkiln Hill road 542 feet .	
Acushnet av, southwest corner Tarkiln Hill road . . . . .	
Acushnet av, west side, south of Tarkiln Hill road 500 feet .	
Acushnet av, west side, south of Tarkiln Hill road 997 feet .	
Acushnet av, west side, north of Howard avenue 600 feet .	
Acushnet av, west side, north of Howard avenue 6 feet . . .	
Acushnet av, west side, south of Howard avenue 601 feet . .	
Acushnet av, west side, north of Shaw 610 feet . . . . .	
Acushnet av, northwest corner of Shaw . . . . .	
Acushnet av, west side, north of Belleville road 603.5 feet. . .	
Acushnet av, west side, head of Belleville road . . . . .	
Acushnet av, northwest corner of Nash road . . . . .	
Acushnet av, northwest corner Hathaway avenue . . . . .	
Acushnet av, northwest corner of Davis . . . . .	
Acushnet av, southwest corner of Phillips avenue . . . . .	
Acushnet av, southwest corner of Dean. . . . .	
Acushnet av, west side north of Sawyer 574.5 feet . . . . .	
Acushnet av, southwest corner of Coggeshall . . . . .	
Acushnet av, southwest corner of Cedar Grove . . . . .	
Acushnet av, west side south of Logan 335 feet . . . . .	
Acushnet av, west side, north of Wamsutta 514 feet. Double .	
Acushnet av, west side, north of Wamsutta 372 feet . . . . .	
Acushnet av, west side, south of Wamsutta 255 feet. Flush .	
Acushnet av, west side, at end of Wall street . . . . .	
Acushnet av, southeast corner of Pope. Flush . . . . .	
Acushnet av, northwest corner of Willis. Flush . . . . .	
Acushnet av, west side, south of Campbell 179 feet. Flush .	
Acushnet av, northwest corner of Maxfield. Flush . . . . .	
Acushnet av, northwest corner of Kempton. Flush . . . . .	
Acushnet av, northeast corner of Elm. Flush . . . . .	
Acushnet av, northwest corner of William . . . . .	
Acushnet av, northwest corner of School . . . . .	
Acushnet av, northwest corner of Madison . . . . .	

Acushnet av, northwest corner of Russell . . . . .	
Acushnet av, northwest corner of Bedford . . . . .	
Acushnet av, west side, opposite Howland. Flush . . . . .	
Acushnet av, northwest corner of Potomska . . . . .	
Acushnet av, west side, north of Rivet 98 feet . . . . .	
Acushnet av, southwest corner of Blackmer. Flush . . . . .	
Adams street, south side, west of County 538.3 feet . . . . .	
Allen street, south side, west of Rural 445 feet . . . . .	
Allen street, southeast corner of Devoll . . . . .	
Allen street, southwest corner of Page . . . . .	
Allen street, north side, east of Page 159 feet. Flush . . . . .	
Allen street, northwest corner of Ward. Flush . . . . .	
Arch street, southwest corner of Union. Flush . . . . .	
Armour street, southwest corner of Union . . . . .	
Arnold place, west side, south of Rotch court 38.3 feet . . . . .	
Arnold street, south side, west of Orchard 96 feet . . . . .	
Arnold street, southwest corner of Chancery. Flush . . . . .	
Arnold street, southeast corner of Atlantic. Flush . . . . .	
Arnold street, south side, west of James 15.3 feet . . . . .	
Ash street, northwest corner of Middle . . . . .	
Ash street, southwest corner of Morgan. Double . . . . .	
Ash street, northwest corner of Arnold. Flush . . . . .	
Ash street, northwest corner of Maple. Flush . . . . .	
Ash street, northwest corner of Bedford . . . . .	
Ashland street, southwest corner of Clark . . . . .	
Ashley street, west side, south of Cove (west) 222.2 feet . . . . .	
Atlantic street, northwest corner of Maple . . . . .	
Atlantic street, southwest corner of Union . . . . .	
Austin street, southwest corner of Purchase . . . . .	
Austin street, southeast corner of State . . . . .	
Austin street, southwest corner of Ashland . . . . .	
Austin street, southeast corner of Cedar . . . . .	
Austin street, south side, on west line of Wilson . . . . .	
Austin street, southeast corner of Shawmut avenue . . . . .	
Babbitt street, south side, west of Dartmouth 207.5 feet . . . . .	
Babbitt street, southeast corner of Field . . . . .	
Bedford street. southwest corner of Fourth . . . . .	
Bedford street, southwest corner of Fifth . . . . .	
Bedford street, southwest corner of County . . . . .	
Bedford street, southwest corner of Orchard . . . . .	
Beech street, northwest corner of Kempton . . . . .	
Beetle street, southwest corner of Howard. . . . .	
Beetle street, southeast corner of Front . . . . .	
Belleville avenue, southwest corner of Washburn . . . . .	

Belleville avenue, west side, north of Washburn	118 feet . . .
Belleville avenue, northwest corner of Cedar Grove	. . . . .
Belleville avenue, west side, north of Coggeshall	134 feet . .
Belleville avenue, northwest corner of Beetle	. . . . .
Belleville avenue, southwest corner of Plummer avenue	. . . . .
Belleville road, southwest corner of Diman	. . . . .
Belleville road, south side, east of Acushnet avenue	1344 feet .
Blackmer street, south side, east of Front	284 feet . . . . .
Blackmer street, south side, east of Front	575 feet. . . . .
Blackmer street, south side, east of Front	738 feet . . . . .
Blackmer street, south side, east of Front	904 feet . . . . .
Bolton road, west side, north of Rivet	370 feet . . . . .
Bolton road, west side, north of Rotch Mill No. 2	. . . . .
Bolton road, west side, south of Rotch Mill No. 2	. . . . .
Bolton road, west side, south of Rivet	1027 feet . . . . .
Bolton road, northwest corner of Poplar road	. . . . .
Bonney street, southwest corner of Allen	. . . . .
Bonney street, northwest corner of Grinnell	. . . . .
Bonney street, northwest corner of Rockland	. . . . .
Bonney street, southwest corner of Thompson	. . . . .
Borden street, northwest corner of Bedford	. . . . .
Borden street, southwest corner of Bay	. . . . .
Bowditch street, southwest corner of Weld	. . . . .
Bowditch street, west side, south of Cedar Grove	313 feet . .
Bowditch street, west side, north of Cedar Grove	244 feet . .
Bowditch street, northwest corner of Coggeshall	. . . . .
Bowditch street, southwest corner of Dean	. . . . .
Bowditch street, southwest corner of Coffin avenue	. . . . .
Bowditch street, west side, north of Coffin avenue	358 feet . .
Bowditch street, southwest corner of Davis	. . . . .
Bowditch street, west side, north of Davis	175 feet . . . . .
Bridge avenue, north side, east from west line of Popes Island	Manufacturing Co. building 483.4 feet. Flush . . . . .
Bridge avenue, north side, east from west line of Popes Island	Manufacturing Co. building 215.7 feet. Flush . . . . .
Bridge avenue, south side, west from west line of Popes Island	Manufacturing Co. building. 24.6 feet. Flush . . . . .
Bridge avenue, north side, west of draw	44 feet. Flush . .
Bridge avenue south side, west of draw	11 feet. Flush . . .
Brock avenue, southwest corner of David	. . . . .
Brock avenue, southwest corner of Woodlawn avenue	. . . . .
Brock avenue, southwest corner of Willard	. . . . .
Brock avenue, southwest corner, first street south of Norman	. . . . .
Brock avenue, west side, south of Butler	1063 feet . . . . .



Brock avenue, west side, south of Butler	2538.1 feet	.....
Brownell street west side, south of Union	387 feet	.....
Bullard street, southwest corner of Belleville avenue		.....
Bullard street, southeast corner of Front		.....
Bullard street, southeast corner of Bowditch		.....
Bullock street, southwest corner of Trinity		.....
Butler street, south side, east from Brock av.	1635 feet.	Flush .
Butler street, south side, east of Brock avenue	287 feet.	Flush.
Campbell street, southwest corner of Purchase		.....
Campbell street south side, east of County	163 feet.	Flush .
Campbell street, south side, west of County	216.5 feet	....
Campbell street, southwest corner of Cottage		.....
Campbell street, south side, east of Shawmut av.	205 feet.	Flush
Cannon street, south side, east of Second	164 feet	.....
Cedar street, northwest corner of Elm		.....
Cedar street, southwest corner of Kempton.	Flush	.....
Cedar street, west side, north of Mill	75 feet.	Flush . . . .
Cedar street, southwest corner of Hillman.	Flush	.....
Cedar street, northwest corner of Sycamore.	Flush	.....
Cedar street, southwest corner of Campbell.	Flush	.....
Cedar street, southwest corner of Parker.	Flush	.....
Cedar Grove street, southeast corner of Front		.....
Cedar Grove street, southeast corner of Howard.		.....
Cedar Grove street, south side, west of Bowditch	383 feet	..
Cedar Grove street, northwest corner of Purchase		.....
Cedar Grove street, southwest corner of County		.....
Cedar Grove street, south side, west of County	183.5 feet	..
Centre street, south side, east of Water	85 feet.	Flush . . . .
Chancery street, southwest corner of Maple		.....
Chancery street, west side, north of Arnold	406 feet	.....
Chancery street, southwest corner of Elm		.....
Chancery street, west side, south of Parker	176 feet	.....
Chancery street, west side, north of Parker	650 feet	.....
Cherry street, southeast corner of Seventh.	Flush	.....
Chestnut street, southwest corner of North.	Flush	.....
Chestnut street, west side, north of Campbell	96 feet.	Flush .
Chestnut street, southwest corner of Merrimac		.....
Church street, southwest corner of Hathaway avenue		.....
Church street, west side, north of Coffin avenue	591.4 feet	..
Clark street, southwest corner of State		.....
Clark street, south side, west of County	218 feet	.....
Clay street, northwest corner of Columbia		.....
Cleveland avenue, west side, south of Cove	681 feet	.....
Clinton street, south side, west of County	224.6 feet	.....



Clinton street, south side, west of Ash	242.5 feet
Coffin avenue, southwest corner of Church	
Coffin avenue, south side, opposite Oneko lane	
Coffin avenue, southeast corner of Front	
Coffin avenue, southwest corner of Belleville avenue	
Coffin avenue, northwest corner of Riverside avenue	
Coffin avenue, south side, east of Riverside avenue	227 feet
Coffin avenue, north side, east of Riverside avenue	414 feet
Coffin street, southwest corner of Water	
Coffin street, north side, east of Water	262 feet
Coggeshall street, south side, east of Mitchell	654 feet
Coggeshall street, south side, east of Mitchell	498 feet
Coggeshall street, south side, east of Mitchell	334 feet
Coggeshall street, north side, east of Mitchell	148 feet
Coggeshall street, southeast corner of Belleville avenue	
Coggeshall street, southwest corner of Front	
Coggeshall street, southwest corner of Purchase	
Coggeshall street, southeast corner of County	
Coggeshall street, south side, west of County	384 feet
Collette street, south side, east of Acushnet avenue	275 feet
Collins street, southeast corner of Glover	
Columbia street, southwest corner of Allen	
Commercial street, north side, east of Front	82 feet
Cottage road, south side, west of Bolton road	435 feet
Cottage street, southwest corner of Bay	
Cottage street, northwest corner of Allen. Flush	
Cottage street, northwest corner of Bedford. Flush	
Cottage street, southwest corner of Arnold	
Cottage street, southwest corner of Union	
Cottage street, southwest corner of Court	
Cottage street, southwest corner of Kempton	
Cottage street, southwest corner of Mill	
Cottage street, southwest corner of North	
Cottage street, southwest corner of Hillman	
Cottage street, northwest corner of Sycamore	
Cottage street, northwest corner of Parker	
Cottage street, west side, north of Locust	237 feet
Cottage street, west side, south of Austin	92 feet
Cottage street, southwest corner of Durfee	
County street, southwest corner of Sawyer	
County street, southeast corner of Penniman	
County street, west side, south of Clark	234.5 feet
County street, west side, south of Weld	115 feet
County street, southwest corner of Austin	

County street, west side, head of School . . . . .	
County street, southwest corner of Madison . . . . .	
County street, southwest corner of Hawthorn . . . . .	
County street, northwest corner of Allen . . . . .	
County street, southwest corner of Grinnell . . . . .	
County street, northwest corner of South . . . . .	
County street, northwest corner of Winsor . . . . .	
County street, west side, north of Division 71 feet . . . . .	
County street, northwest corner of Cove road . . . . .	
Court street, southwest corner of Orchard . . . . .	
Court street, southeast corner of Cedar . . . . .	
Court street, northeast corner of Ash . . . . .	
Court street, southwest corner of Emerson . . . . .	
Court street, south side, west from Park 304 feet. Flush . . . . .	
Court street, south side, head of Jenney . . . . .	
Court street, south side, east of Reed 300 feet . . . . .	
Cove road, southwest corner of West French avenue . . . . .	
Cove road, southwest corner of Shore street . . . . .	
Cove road, north side, west of County 365 feet . . . . .	
Cove street, southwest corner of Cleveland avenue . . . . .	
Cove street, southwest corner of Harrison avenue . . . . .	
Cove street, southwest corner of Salisbury . . . . .	
Cove street, southwest corner of Viall . . . . .	
Cove street, southwest corner of McGurk . . . . .	
Cove street, southwest corner of West French avenue . . . . .	
Cove street, southeast corner of Stapleton . . . . .	
Cove street, southeast corner of County . . . . .	
Crapo street, west side, south of Washington 343 feet. Flush . . . . .	
Crapo street, west side, south of Rockland 225 feet. Flush . . . . .	
Crapo street, west side, south of Thompson 160 feet . . . . .	
Dartmouth street, east side, southwest of Orchard 110 feet . . . . .	
Dartmouth street, east side, south of Hickory 125 feet . . . . .	
Dartmouth street, east side, south of Rockland 260 feet . . . . .	
Dartmouth street, east side, south of Thompson 99 feet . . . . .	
Dartmouth street, southeast corner of Larch . . . . .	
Dartmouth street, northeast corner of Dunbar . . . . .	
Davis street, southwest corner of Riverside avenue . . . . .	
Davis street, south side, east of Front 321.8 feet . . . . .	
Davis street, southwest corner of Front . . . . .	
Dean street, southwest corner of Belleville avenue . . . . .	
Dean street, southeast corner of Front . . . . .	
Delano street, southwest corner of Water . . . . .	
Delano street, southeast corner of Acushnet avenue . . . . .	
Division street, southeast corner of Second . . . . .	

Division street, south side, west of County 527 feet . . . . .  
 Division street, south side, east of Crapo 6 feet . . . . .  
 Dudley street, south side, east of West French avenue 122 feet.  
 Dudley street, south side, west of Brock avenue 607 feet . . . .  
 Dunbar street, southwest corner of Hemlock . . . . .  
 Durfee street, southwest corner of Cedar . . . . .  
 Durfee street, southwest corner of Bullock . . . . .  
 Durfee street, southwest corner of Shawmut avenue . . . . .  
 Durfee street, south side, west of Shawmut avenue 186.6 feet .  
 Earle street, south side, west of Belleville avenue 135 feet.  
 Earle street, south side, east of Acushnet avenue 274.2 feet .  
 East French avenue, west side, south of Cove 807.2 feet . .  
 East French avenue, northwest corner of Abbott . . . . .  
 Edwards street, south side, east of Field 90 feet . . . . .  
 Elm street, southwest corner of Purchase . . . . .  
 Elm street, southwest corner of Pleasant . . . . .  
 Elm street, southwest corner of Eighth . . . . .  
 Elm street, southwest corner of Summer. Flush . . . . .  
 Elm street, south side, west of Florence 43.5 feet . . . . .  
 Elm street, southeast corner of Palmer . . . . .  
 Emerson street, west side, north of Arnold 173.8 feet . . . .  
 Field street, northwest corner of Stowell . . . . .  
 Fifth street, southwest corner of Union . . . . .  
 Fifth street, southwest corner of School . . . . .  
 Fifth street, west side, south of Madison 245 feet. Flush . . .  
 Fifth street, northwest corner of Wing . . . . .  
 Fifth street, northwest corner of Grinnell. Flush . . . . .  
 First street, southwest corner of Spring. Flush . . . . .  
 First street, west side, south of School 109 feet. Flush . . . .  
 First street, west side, south of Howland 185 feet. Flush . . .  
 First street, northwest corner of Potomska . . . . .  
 Florence street, southwest corner of Hillman . . . . .  
 Florence street, northwest corner of Mill . . . . .  
 Florence street, west side, south of Kempton 199.6 feet . . .  
 Florence street, southwest corner of Morgan . . . . .  
 Forest street, south side, west of County 90 feet. Flush . . .  
 Foster street, southwest corner of High . . . . .  
 Fourth street, southwest corner of Union. Flush . . . . .  
 Fourth street, west side, north of School 106 feet. Flush . . .  
 Fourth street, west side, south of Madison 210 feet. Flush . . .  
 Fourth street, east side, opposite Washington . . . . .  
 Fourth street, northwest corner of Rockland. Flush . . . . .  
 Fourth street, west side, south of Potomska 61 feet . . . . .  
 Franklin street, southwest corner of Purchase . . . . .

Franklin street, southwest corner of Pleasant. Flush . . . . .	
Franklin street, southwest corner of State . . . . .	
Front street, southwest corner of Holly . . . . .	
Front street, west side, south of Washburn 319 feet. Flush . . . . .	
Front street, southwest corner of Logan . . . . .	
Front street, west side, south of Logan 190.2 feet . . . . .	
Front street, west side, south of Logan 383 feet . . . . .	
Front street, west side, north of Wamsutta 235.2 feet . . . . .	
Front street, southeast corner of Wamsutta . . . . .	
Front street, southwest corner of Middle . . . . .	
Front street, southwest corner of Hazard's lane. Flush . . . . .	
Front street, northwest corner of Rodman . . . . .	
Front street, southwest corner of Center. Flush . . . . .	
Front street, west side, south of Commercial 86 feet. Flush . . . . .	
Front street, northwest corner of lane head of Merrill's wharf. Flush . . . . .	
Front street, west side, south of Howland 268 feet . . . . .	
Front street, southwest corner of Grinnell . . . . .	
Front street, west side, south of South 330 feet . . . . .	
Front street, west side, north of Blackmer 191 feet . . . . .	
Front street, west side, north of Delano 191 feet . . . . .	
Front street west side, south of Delano 200 feet . . . . .	
Fruit street, south side, east of Hemlock 126.5 feet . . . . .	
Fruit street, south side, west of Mulberry 25.5 feet . . . . .	
Gifford street, south side, east of Water 274 feet . . . . .	
Gifford street, south side, west of Harbor 167.8 feet . . . . .	
Gifford street, south side, east of Harbor 299.3 feet . . . . .	
Grand street south side, west of Shawmut avenue 750 feet . . . . .	
Granfield street, west side, north of Coggeshall 263 feet . . . . .	
Grape street, south side, west of Lewis 131 feet . . . . .	
Grape street, southwest corner of Small . . . . .	
Grape street, southwest corner of Devoll . . . . .	
Griffin street, southwest corner of Second. Flush . . . . .	
Grinnell street, south side, west of Acush. av. 76 feet. Flush . . . . .	
Grinnell street, south side, east of Crapo 103 feet. Flush . . . . .	
Grinnell street, southwest corner of Orchard . . . . .	
Grove street, southwest corner of Anthony . . . . .	
Grove street, southwest corner of Cottage . . . . .	
Harbor street, east side, north of Cove 195 feet . . . . .	
Harbor street, east side, north of Cove 372 feet . . . . .	
Harbor street, east side, north of Cove 540 feet . . . . .	
Harbor street east side, south of Gifford 195.8 feet . . . . .	
Harbor street, southeast corner of Gifford . . . . .	
Harmony street, southwest corner of Social . . . . .	



Harrison street, southwest corner of Hickory . . . . .	
Hathaway avenue, south side, east of Acushnet av. 144 feet. .	
Hathaway avenue, southeast corner of Bowditch . . . . .	
Hathaway avenue, south side, east of Church 308.9 feet . . .	
Hawthorn street, southwest corner of Cottage . . . . .	
Hawthorn street, southeast corner of Page. Flush . . . . .	
Hawthorn street, south side, east of Tremont 147 feet . . . .	
Hawthorn street, southwest corner of Brigham . . . . .	
Hawthorn street, south side, west of Brigham 301 feet . . .	
Hazard street, south side, west of State 140 feet. Flush . . .	
Hazard street, southwest corner of Pleasant. Flush . . . . .	
Hazard street, southwest corner of Purchase . . . . .	
Hemlock street, west side, south of Rockland 231 feet . . .	
Hicks street, south side, east of Acushnet avenue 276 feet . .	
High street, south side, east of Acushnet av. 43 feet. Flush .	
High street, southwest corner of Purchase . . . . .	
High street, south side, east of County 177 feet. Flush . . .	
Highland street, west side, north of Durfee 418.4 feet . . . .	
Hillman street, southwest corner of Second. Flush . . . . .	
Hillman street, southwest corner of Purchase . . . . .	
Hillman street, southwest corner of Pleasant . . . . .	
Hillman street, head of State . . . . .	
Hillman street, head of Thomas . . . . .	
Hillman street, southwest corner of Chancery . . . . .	
Hillman street, south side, east of Florence 609.5 feet . . .	
Hillman street, southwest corner of Lindsey . . . . .	
Hillman street, southeast corner of Rockdale avenue . . . .	
Holly street, southwest corner of Belleville avenue . . . . .	
Holly street, southwest corner of Bowditch . . . . .	
Holly street, southeast corner of Brook . . . . .	
Hollyhock street, south side, east of Field 318.6 feet . . . .	
Homer street, southwest corner of Locust . . . . .	
Howard avenue, south side, east of Acushnet avenue 364 feet .	
Howland street, northeast corner of Second. Flush . . . . .	
Howland street, south side, west of Prospect 19.2 feet . . .	
Hunter street, southwest corner of Hillman . . . . .	
Independent street, south side, west of County 480 feet . . .	
Independent street, southeast corner of Crapo . . . . .	
Irving court, north end of Court. Flush . . . . .	
James street, west side, north of Arnold 107 feet . . . . .	
James street, southwest corner of Court . . . . .	
Jouvette street, south side, west of County 372 feet . . . .	
Katharine street, southeast corner of Crapo . . . . .	
Katharine street, south side, west of County 442 feet . . . .	

Keene street, south side, west of Park	434 feet	.....
Kempton street, southwest corner of Purchase		.....
Kempton street, southwest corner of Pleasant		.....
Kempton street, south side, opposite Hill		.....
Kempton street, southwest corner of County		.....
Kempton street, southwest corner of Summer		.....
Kempton street, southwest corner of Emerson. Flush		.....
Kempton street, southwest corner of Park		.....
Kempton street, southwest corner of Liberty		.....
Kempton street, southeast corner of Jenney. Flush		.....
Kempton street, south side, west of Hunter	50 feet	.....
Kempton street, southwest corner of Francis		.....
Kilburn street, north side, east of Front	244 feet	.....
Kilburn street, north side, east of Front	581 feet	.....
Larch street, south side, east of Mulberry	120 feet	.....
Larch street, south side, east of Hemlock	129 feet	.....
Liberty street, west side, south of Kempton	339 feet. Flush	..
Liberty street, west side, north of Court	164 feet	.....
Lincoln street, west side, south of Union	171 feet. Flush	..
Linden street southwest corner of Purchase		.....
Linden street, south side, west of State	13.5 feet	.....
Linden street, south side, west of County	169 feet	.....
Linden street, south side, west of Reynolds	67.5 feet	, . . .
Linden street, south side, east of Ashland	6.5 feet	.....
Lindsey street, west side, south of Kempton	173 feet	.....
Lindsey street, northwest corner of Morgan		.....
Locust street, southwest corner of County		.....
Locust street, southwest corner of Chestnut		.....
Locust street, southeast corner of Richmond		.....
Logan street, south side, east of Acushnet av	400 feet. Flush	..
Logan street, southwest corner of Acushnet avenue. Flush		..
Logan street, southeast corner of Purchase		.....
Lombard street, west side, south of Rockland	209.5 feet	...
Lucas street, south side, west of Brock avenue	214 feet	...
Madison street, southwest corner of First. Flush		.....
Madison street, southwest corner of Water		.....
Madison street, southwest corner of Sixth		.....
Maitland street, southwest corner of Cedar		.....
Maple street, southwest corner of Cottage		.....
Maxfield street, southwest corner of Second		.....
Maxfield street, southwest corner of Purchase		.....
Maxfield street, southwest corner of Pleasant		.....
Maxfield street, southwest corner of Foster		.....
Maxfield street, southwest corner of County		.....



Maxfield street, southwest corner of Chestnut . . . . .	
Maxfield street, southeast corner of Spruce. Flush . . . . .	
Maxfield street, southeast corner of Ash . . . . .	
Maxfield street, south side, east of Chancery 44.4 feet . . . . .	
McGurk street, west side, north of Brock avenue 348 feet . . . . .	
Mechanics lane northwest corner of Purchase . . . . .	
Mechanics lane, north side, east of Eighth 206 feet. Flush . . . . .	
Merrimac street, southwest corner of Purchase . . . . .	
Merrimac street, southwest corner of State , . . . .	
Merrimac street, southwest corner of Summer . . . . .	
Middle street, southwest corner of Second . . . . .	
Middle street, southwest corner of Acushnet avenue . . . . .	
Middle street, southwest corner of Purchase . . . . .	
Middle street, southwest corner of Pleasant . . . . .	
Middle street, southwest corner of Sixth . . . . .	
Middle street, southwest corner of County . . . . .	
Middle street, south side, east of Cedar 371 feet. Flush . . . . .	
Middle street, southeast corner of Chancery. Flush . . . . .	
Mill street, southwest corner of Purchase . . . . .	
Mill street, south side, west of Hill 191 feet. Flush . . . . .	
Mill street, south side, west of Ash 45 feet. Flush . . . . .	
Mill street, south side, east of Park 104 feet . . . . .	
Mill street, southeast corner of Newton . . . . .	
Mill street. southeast corner of Summit . . . . .	
Milton street, south side, west of Rockdale avenue 85 feet . . . . .	
Mitchell street, northwest corner of Coggeshall . . . . .	
Mitchell street, west side, north of Coggeshall 178.8 feet . . . . .	
Mitchell street, west side, south of Sawyer 345 feet . . . . .	
Mitchell street, southwest corner of Sawyer . . . . .	
Moorland terrace, southwest corner of Ash . . . . .	
Morgan street, southwest corner of County . . . . .	
Morgan street, southwest corner of Cottage. Flush . . . . .	
Morton's court, west side, north of Cove 385.3 feet . . . . .	
Mosher street, south side, west of County 517 feet . . . . .	
Mosher street, southeast corner of Crapo . . . . .	
Mt. Pleasant street, west side, south of Tarkiln hill road 35 feet . . . . .	
Mt. Pleasant street. west side, north of Nash road 1,671 feet . . . . .	
Mt. Pleasant street, west side, north of Nash road 348 feet . . . . .	
Mt. Pleasant street, west side, north of railroad fence 285 feet . . . . .	
Mt. Pleasant street, west side, south of Hathaway road 40 feet . . . . .	
Mt. Pleasant street, west side, north of Peckham-West cemetery . . . . .	
277 feet . . . . .	
Mt. Pleasant street, west side, south of Peckham-West cemetery . . . . .	
74 feet . . . . .	

Mt. Pleasant street, west side north of reservoir	837 feet
Mt. Pleasant street, west side, north of reservoir	450 feet
Mt. Pleasant street, west side north of reservoir	40 feet
Mt. Pleasant street, west side, south of Peckham	217 feet
Mt. Vernon street, southwest corner of Mt. Pleasant	
Mt. Vernon street, southeast corner of Vine, Flush	
Myrtle street, west side, south of Weld	22 feet
Myrtle street, southwest corner of Clark	
Nelson street, south side, west of County	541.6 feet
Newton street, northwest corner of Elm	
North street, southeast corner of Second	
North street, southwest corner of Acushnet avenue	
North street, southwest corner of Purchase	
North street, northwest corner of Pleasant	
North street, southwest corner of Foster	
North street, southwest corner of Hill	
North street, southwest corner of County	
North street, southwest corner of Park	
North street, south side, west of Newton	258 feet
North street, southwest corner of Hunter	
North street, southwest corner of Beech	
Nye street, southwest corner of Belleville avenue	
Nye street, southwest corner of Front	
Nye street, south side, west of Acushnet avenue	311.7 feet
Oak street, southwest corner of Harrison	
Oak street, northwest corner of Grape	
Oak street, southwest corner of Allen	
Ocean street, west side, south of Arnold	184.5 feet
Orchard street, southwest corner of Madison	
Orchard street, southwest corner of Grove	
Orchard street, west side, north of Rockland	98 feet
Palmer street, northwest corner of Union	
Park place, south side, west of Sixth	306 feet. Flush
Park street, west side, south of Maxfield	27.1 feet
Park street, southwest corner of Hillman	
Park street, west side, south of Kempton	339 feet
Park street, northwest corner of Court	
Park street, west side, north of Arnold	263 feet
Parker street, south side, at Oak Grove cemetery	
Parker street, southwest corner of Sumner, Flush	
Parker street, southwest corner of County	
Pearl street, southwest corner of Pleasant	
Pearl street, southwest corner of Purchase	
Phillips avenue, southwest corner of Riverside avenue	

Pierce street, west side, north of Court	253.7 feet
Pine street, northwest corner of Cross.	Flush
Plainville road, south side, east of Shawmut avenue	705 feet
Plainville road, south side, east of Shawmut avenue	1,139 feet
Plainville road, south side, east of Shawmut avenue	2,317 feet
Plainville road, south side, east of Shawmut avenue	3,113 feet
Plainville road, south side, east of Shawmut avenue	3,920 feet
Pleasant street, northwest corner of Market	
Pleasant street, west side, north of William	21 1-2 feet
Pleasant street, east side, foot of Sycamore	
Pleasant street, northwest corner of Pope.	Flush
Pleasant street, northwest corner of Austin.	Flush
Pleasant street, southwest corner of Linden.	Flush
Pleasant street, southwest corner of Weld	
Plummer avenue, southwest corner of Riverside avenue	
Plummer avenue, south side, east of Belleville avenue	177 feet
Pope street, southwest corner Purchase	
Pope street, south side, opposite North Oak	
Pope street, southwest corner of Summer	
Poplar road, south side, west of Bolton road	431 feet
Potomska street, a group of three post hydrants located about 300 feet east of Prospect and 91 feet north of south line of Potomska street	
Potter street, south side, east of Shawmut avenue	403 feet
Prospect street, west side, north of Grinnell	275.2 feet
Prospect street, northwest corner of Grinnell	
Prospect street, west side, north of Potomska	324.5 feet
Prospect street, northwest corner of Potomska	
Purchase street, northwest corner of Dean	
Purchase street, west side, opposite Oneko mill	
Purchase street, east side, opposite Clark	
Purchase street, west side, south of Campbell	348 feet
Purchase street, northwest corner of Union.	Flush
Purchase avenue, northeast corner of Purchase	
Reed street, west side, north of Court	145 feet
Reed street, southwest corner of Elm	
Reed street, southwest corner of Middle	
Reynolds street, southwest corner of Weld	
Reynolds street, west side, south of Clark	17.9 feet
Richmond street, southwest corner of Maitland	
Rivet street, southwest corner of Second.	Flush
Rivet street, southwest corner of County	
Rivet street, southwest corner of Bonney	
Rivet street, southeast corner of Bolton road	

Rivet street, southwest corner of Hemlock . . . . .	
Robeson street, southwest corner of County . . . . .	
Robeson street, southwest corner of Ashland . . . . .	
Robeson street, southeast corner of Cottage . . . . .	
Robeson street, southeast corner of Cedar . . . . .	
Robeson street, south side, west of Cedar 424 feet . . . . .	
Rockdale avenue, southwest corner of Bolton road . . . . .	
Rockdale avenue, south side, west of Bolton road 327 feet . . . . .	
Rockdale avenue, west side, north of Milton 126 feet . . . . .	
Rockland street, southwest corner of County . . . . .	
Rockland street, southeast corner of Hall . . . . .	
Rockland street, south side, west of Orchard 13 feet . . . . .	
Rockland street, south side, east of Hemlock 179.3 feet . . . . .	
Rockland street, southwest corner of Lombard . . . . .	
Rotch street, west side, south of Union 213.7 feet . . . . .	
Rounds street, northwest corner of Elm . . . . .	
Rural street, southwest corner of Allen . . . . .	
Russell street, south side, east of Fifth 92 feet. Flush . . . . .	
Russell street, southwest corner of Sixth . . . . .	
Russell street, south side, west of Sixth 179 feet . . . . .	
Salisbury street, west side, south of Cove 598 feet . . . . .	
Sand street, northwest corner of Grit . . . . .	
Sawyer street, south side, west of County 644 feet . . . . .	
Sawyer street, southwest corner of Bowditch . . . . .	
Sawyer street, southwest corner of Acushnet avenue . . . . .	
Sawyer street, southeast corner of Belleville avenue . . . . .	
Sawyer street, south side, east of Mitchell 418.8 feet . . . . .	
Sawyer street, north side, east of Belleville avenue 750 feet . . . . .	
School street, southwest corner of Sixth . . . . .	
Scott street, south side, west of County 325 feet . . . . .	
Second street, northwest corner of Mill. Flush . . . . .	
Second street, west side, south of Elm 52 feet . . . . .	
Second street, west side, south of Spring 74 feet. Flush . . . . .	
Second street, northwest corner of Coffin. Flush . . . . .	
Second street, west side, at head of Morgan's lane . . . . .	
Second street, west side, north of Grinnell 61 feet. Flush . . . . .	
Second street, west side, north of Potomska 232 feet . . . . .	
Second street, west side, south of Potomska 122 feet . . . . .	
Second street, west side, south of Blackmer 188 feet . . . . .	
Seventh street, southwest corner of Union . . . . .	
Seventh street, west side, north of Madison 50 feet. Flush . . . . .	
Shawmut avenue, southwest corner of Willis . . . . .	
Shawmut avenue, southwest corner of Parker . . . . .	
Shawmut avenue, west side, head of Locust . . . . .	

Shawmut avenue, southwest corner of Robeson . . . . .	
Shawmut avenue, west side, north of Austin 195 feet . . . . .	
Shawmut avenue, west side, north of Durfee 497 feet . . . . .	
Shawmut avenue, southwest corner of Grand . . . . .	
Shawmut avenue, west side, north of Grand 203 feet . . . . .	
Shawmut avenue, northwest corner of Plainville road . . . . .	
Sherman street, south side, west of County 314 feet. Flush . . . . .	
Shore street, west side, south of Cove road 264 feet . . . . .	
Sisson street, northwest corner of Union . . . . .	
Sixth street, west side, north of Grinnell 194 feet . . . . .	
Smith street, southwest corner of County . . . . .	
Smith street, southwest corner of Chestnut . . . . .	
Smith street, southeast corner of Spruce . . . . .	
Smith street, southeast corner of Shawmut avenue . . . . .	
Smith street, south side, east of Park 5 feet . . . . .	
South street, south side, east of Crapo 137 feet. . . . .	
South street, southwest corner of Acushnet avenue . . . . .	
South street, southwest corner of Second . . . . .	
South street, southwest corner of First . . . . .	
South street, southwest corner of Water . . . . .	
South street, southwest corner of Prospect . . . . .	
Spring street, southwest corner of Water . . . . .	
Spring street, southeast corner of Acushnet avenue . . . . .	
Spring street, southeast corner of Fifth. Flush . . . . .	
Spring street, southwest corner of Seventh . . . . .	
State street, southwest corner of Sycamore . . . . .	
State street, southwest corner of Pearl. Flush . . . . .	
Stone street, west side, south of Allen 208.6 feet . . . . .	
Summer street, northwest corner of North. Flush . . . . .	
Summer street, northwest corner of Hillman. Flush . . . . .	
Summer street, southwest corner of Willis. Flush . . . . .	
Sycamore street, southwest corner of Thomas. Flush . . . . .	
Sycamore street, southwest corner of Summer. Flush . . . . .	
Sycamore street, southwest corner of Chancery . . . . .	
Taber street, southwest corner of Page . . . . .	
Taber street, south side, west of Page 428.7 feet . . . . .	
Tallman street, south side, west of Acushnet avenue 421.9 feet . . . . .	
Tallman street, southwest corner of Belleville avenue . . . . .	
Thompson street, southeast corner of Bourne . . . . .	
Thompson street, southwest corner of Hemlock . . . . .	
Thompson street, south side, east of Hemlock 99.6 feet . . . . .	
Thompson street, south side, west of Bonney 302 feet . . . . .	
Thompson street, south side, east of Hall 20 feet . . . . .	
Thompson street, southwest corner of County . . . . .	



Tinkham street, south side, east of Acushnet avenue	239.2 feet
Tremont street, southwest corner of Union	.....
Tremont street, northwest corner of Maple	.....
Trinity street, south side, west of Cedar	264 feet
Union street, southwest corner of Front	.....
Union street, southwest corner of Water	.....
Union street, southwest corner of First	.....
Union street, southwest corner of Second	.....
Union street, southwest corner of Acushnet avenue	.....
Union street, southwest corner of Sixth	.....
Union street, southwest corner of County	.....
Union street, southeast corner of Emerson	.....
Union street, southwest corner of Ocean	.....
Union street, south side, west of James	61 feet
Valentine street, south side, west of Brock avenue	187 feet
Viall street, west side, south of Cove	576.1 feet
Vine street, west side, north of Durfee	215 feet
Walden street, southwest corner of Maxfield.	Flush
Wall street, south side, east of Acushnet avenue	165 feet. Flush
Walnut street, northwest corner of Front	.....
Walnut street, southwest corner of Water	.....
Walnut street, southwest corner of Second.	Flush
Walnut street, southwest corner of Fourth	.....
Walnut street, southwest corner of Seventh	.....
Wamsutta street, south side, west of Front	200 feet
Wamsutta street, south side, west of Front	372 feet
Wamsutta street, south side, east of Acushnet avenue	286 feet,
Ward street, southwest corner of Bay	.....
Warren street, southwest corner of Brock avenue	.....
Washburn street, southeast corner of Acushnet avenue	.....
Washburn street, south side, west of North Front	228 feet
Washington street, southwest corner of County	.....
Washington street, southwest corner of Crapo	.....
Washington street, south side, west of Orchard	102 feet. Flush
Washington street, southeast corner of Dartmouth.	Flush
Water street, southwest corner of Hillman.	Flush
Water street, southwest corner of North	.....
Water street, west side, south of North	258 feet. Flush
Water street, northwest corner of Middle.	Double
Water street, southwest corner of Elm.	Flush
Water street, west side, north of Center	46 feet. Flush
Water street, southwest corner of School	.....
Water street, west side, head of Pine	.....
Water street, west side, head of Leonard	.....

Water street, southwest corner of Howland . . . . .	
Water street, northwest corner of Grinnell . . . . .	
Water street, northwest corner of Potomska . . . . .	
Water street, west side, south of Potomska 266 feet . . . . .	
Water street, northwest corner of Rivet . . . . .	
Water street, southwest corner of Blackmer . . . . .	
Water street, northwest corner of Delano . . . . .	
Water street, west side, head of Gifford . . . . .	
Weld street, southeast corner of Mt. Pleasant . . . . .	
Weld street, southwest corner of State . . . . .	
Willard street, south side, west of Brock avenue 364 feet . . . . .	
William street, southwest corner of Bethel . . . . .	
William street, southwest corner of Second . . . . .	
William street, southwest corner of Purchase . . . . .	
William street, southwest corner of Sixth . . . . .	
William street, southwest corner of Eighth . . . . .	
Willis street, southwest corner of Purchase . . . . .	
Willis street, southeast corner of Pleasant . . . . .	
Willis street, southwest corner of State . . . . .	
Willis street, southwest corner of County . . . . .	
Willis street, southwest corner of Cottage . . . . .	
Willis street, south side, west of Cedar 200 feet, Flush . . . . .	
Willow street, southwest corner of Cottage . . . . .	
Willow street, southeast corner of Shawmut avenue . . . . .	
Wing street, southwest corner of Fourth. Flush . . . . .	
Wing street, southwest corner of Sixth . . . . .	
Winsor street, south side, west of County 455.5 feet . . . . .	
Winsor street, south side, east of Crapo 77.5 feet . . . . .	
Wood street, south side, west of Acushnet avenue 366 feet . . . . .	
Woodlawn street, south side, west of Brock avenue 636 feet . . . . .	
Number of flush hydrants . . . . .	119
Number of post hydrants . . . . .	604
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Total number of hydrants . . . . .	723

# SUMMARY OF STATISTICS.

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## REPORT OF 1899

IN ACCORDANCE WITH SUGGESTIONS ADOPTED BY THE  
NEW ENGLAND WATER WORKS ASSOCIATION.

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### NEW BEDFORD WATER WORKS, BRISTOL COUNTY, MASS.

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Population by census of 1895,

55,251

Date of construction,

1866 to 1869, inclusive

Further supply, 1895 to 1900, inclusive

By whom owned,

The property of the City of New Bedford

Source of supply,

Previous to July 10th, 1899, the water was taken from a storing reservoir, artificially formed by constructing a dam across the valley of the Acushnet river, seven miles north of the centre of the city. Since July 10th, 1899, the water has been taken from Little Quittacas pond, eleven miles north of the centre of the city.

Mode of supply,

Previous to July 10th, 1899, the water flowed from the storing reservoir by gravity through a brick conduit 5.6 miles long to the Purchase street pumping station; thence it was pumped into the Mt. Pleasant distributing reservoir, whence it flowed by gravity into the distributing system. Since July 10th, 1899, the water has been pumped from the Little Quittacas pond pumping station into the High Hill distributing reservoir, located eight miles distant. From this reservoir it flows into the city's distributing system by gravity.

## PUMPING.

1. Builders of pumping machinery,  
Purchase street station,

- a. McAlpine engine, built by Quintard Iron Works.
- b. Worthington duplex engine, built by Henry R. Worthington.
- c. Worthington high duty engine, built by Henry R. Worthington.

## Little Quittacas station,

- d. Leavitt engine, built by the Dickson Manufacturing Co.
- e. Leavitt engine, built by the Dickson Manufacturing Co.

## 2. Description of coal,

*First Contract :*

- a. Not applicable.
- b. Bituminous.
- c. Not applicable.
- d. Pocahontas.
- e. Price per gross ton delivered, Purchase street, \$3.50.  
Braley's station, \$4.00.
- f. Per centage of ash, 7.
- g. Wood, price per cord, \$4.00.

*Second Contract :*

- a. Not applicable.
- b. Bituminous.
- c. Not applicable.
- d. Pocahontas.
- e. Price per gross ton delivered Braley's, \$3.75.
- f. Percentage of ash, 7
- g. Wood, price per cord, \$4.00.

3.	Coal consumed for the year, in pounds,	McAlpine. 1,281,100	Worthington. 310,350	High Duty Worthington. 476,800
4.	$\frac{\text{Lbs. of wood consumed in pounds.}}{3} = \text{coal,}$	75	75	
5.	Total fuel consumed for the year (3) + (4),	1,281,175	310,425	476,800
6.	Total pumping for the year in gallons,	887,751,910	148,573,352	369,980,892
7.	Av. static head against which pump works,	124.9	127.79	125.1
8.	Av. dynamic head against which pump works,	134.16	129.29	127.41
9.	a. Number of gallons pumped per pound of coal (3),	693	479	776
	b. Number of gallons raised 100 feet per pound of coal for total coal (3),	930	619	989
10.	Duty in foot pounds per 100 pounds of coal, using following formula, making no deductions for starting, banking fires, heating building, or anything else.			
Duty = $\frac{\text{Gallons pumped (6)} \times 8.34 \text{ (lbs)} \times 100 \times \text{dynamic head (8)}}{\text{Total fuel consumed (5)}}$				
		77,520,442	51,607,785	82,454,168



COST OF PUMPING AT PURCHASE STREET STATION, FIGURED ON PUMPING STATION EXPENSES, VIZ.: \$7,589.84.

11. Per million gallons raised against average dynamic head (8) into reservoir, \$5.49
12. Per million gallons raised one foot high (dynamic),  $4\frac{16}{100}$  cents

# FINANCIAL. MAINTENANCE.

RECEIPTS.		EXPENDITURES.	
A.	Water rates, domestic,	AA.	Management and repairs, less interest and sinking funds,
	\$90,243.26		\$54,101.03
B.	Water rates, manufacturing,		
	8,882.01		
C.	Net water receipts,	BB.	Interest on bonds,
	\$99,125.27		78,800.00
D.	Miscellaneous, sales, etc.,		
	61.00		
E.	Total,		
	\$99,186.27		\$132,901.03
<i>From Public Funds:</i>			20,000.00
J. }	General appropriations, water,	{ Total maintenance,	
	General appropriations, debt,	{ Bonds paid,	
	Balance from construction,	{ Sinking funds,	
		{ Sinking funds, (further wat. supply),	
		{ 2,800.00	
		{ 24,000.00	
		{	
K.	Gross receipts,	EE.	Total,
			\$179,701.03

## FINANCIAL—Continued.

## CONSTRUCTION.

RECEIPTS.		EXPENDITURES.	
r. Balance from previous year,	\$35,840.11	FF. Extensions, main,	\$16,904.98
s. Bonds issued,	00.00	GG. Extensions, services,	
u. Other sources, services, private lines, meters, etc.,	6,585.60	a. Services,	\$3,574.50
		b. Mill, piping, fountains and meters,	4,394.55
		HH. Special extensions,	7,969.05
			00.00
		{ Total construction for year,	
		II. { Balance to maintenance,	\$24,874.03
		JJ. Balance,	4,714.76
			12,836.92
		KK. Total,	
v. Total,	\$42,425.71		42,425.71

## FINANCIAL—Continued.

w. Net cost of work to this date,	\$1,800,301.78
x. Bonded debt at this time,	540,000.00
y. Sinking funds,	121,263.77
z. Average rate of interest,	$4\frac{48}{100}$ per cent.

## CONSUMPTION.

1	Estimated total population at date,	58,000
2.	Estimated population on lines of pipe at date,	51,000
3.	Estimated population supplied at date,	50,000
4.	Total number gallons consumed for year,	2,261,115,500
5.	Passed through domestic meters,	98,682,480 gallons, or $4\frac{4}{10}$ per cent.
6.	Passed through manufacturing meters,	332,112,000 gallons, or $14\frac{7}{10}$ per cent.
7.	Average daily consumption in gallons,	6,194,837
8.	Gallons per day to each inhabitant (1),	107
9.	Gallons per pay for each customer (3),	124
10.	Gallons per day to each tap (distribution 22),	677

## DISTRIBUTION.

## MAINS.

1.	Kind of pipe used,	Cast iron.
2.	Size,	From 4 to 36 inch.
3.	Extended,	8,225 feet.
4.	Discontinued,	1,580 feet.
5.	Total now in use,	$90\frac{5920}{10000}$ miles.
6.	Cost of repairs per mile.	\$27.29



1899.                      WATER REPORT.                      91

7.	Number of leaks for the year,	22
8.	Small distribution pipe, less than 4 inches, total length,	6,236 feet.
9.	<i>a.</i> Fire hydrants added,	10
	<i>b.</i> Watering cart connections added,	7
10.	<i>a.</i> Number of fire hydrants now in use,	723
	<i>b.</i> Number of watering cart hydrants now in use,	51
11.	Stop gates added,	15
12.	Number now in use,	1,027
13.	Small stop gates, less than 4 inches, total,	79
14.	Number of blow-off gates,	93
15.	Range of pressure at centre for day and night,	28 to 64 lbs.

SERVICES.

16.	Kind of pipe used,	Lead and cast iron.
17.	Size,	From $\frac{1}{2}$ to 10 inches.
18.	Extended,	6,389 feet.
19.	Discontinued,	389 feet.
20.	Total now in use,	$59\frac{93}{100}$ miles.
21.	Service taps added,	144
22.	Number now in use,	9,151

23.	Average length of service laid during past year,	44 feet
24.	Average cost of service,	
	<i>a.</i> Gross,	\$24.82
	<i>b.</i> Net,	9.11
25.	Meters added,	364
26.	Number now in use,	
	<i>a.</i> Domestic,	1,035
	<i>b.</i> Manufacturing,	59
	<i>c.</i> Public,	4
27.	Motors and elevators discontinued,	5
28.	Number now in use,	99

IN COMMON COUNCIL,

I mo. 25, 1900.

Received, rules suspended, ordered printed in the City Documents, and sent up for concurrence.

WM. A. MACKIE, Clerk.

IN BOARD OF ALDERMEN,

January 26, 1900.

Received, rules suspended, concurred.

D. B. LEONARD, City Clerk.









1900—CITY DOCUMENT No. 4.

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FORTY-EIGHTH ANNUAL REPORT

OF THE

TRUSTEES

OF THE

Free Public Library

OF THE

CITY OF NEW BEDFORD, MASS.

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NEW BEDFORD:  
MERCURY PUBLISHING CO., CITY PRINTERS,  
1900.

# Officers of the Free Public Library.

## FOR THE YEAR 1900.

### TRUSTEES,

*Ex-officio. Terms expire January 1901.*

CHARLES S. ASHLEY, Mayor of the City.

JOHN L. G. MASON, President of the Common Council.

CHARLES H. LAWTON, Chairman of the Committee of the City  
Council on Public Instruction.

*Elected by the City Council.*

FRANCIS M. KENNEDY, Term expires April, 1901.

LEMUEL LEB. HOLMES, Term expires April, 1901.

WALTER S. ALLEN, Term expires April, 1902.

WILLIAM L. SAYER, Term expires April, 1902.

ISAAC B. TOMPKINS, JR., Term expires April 1900.

MATHEW C. JULIEN, Term expires April 1900.

PRESIDENT OF THE BOARD,  
THE MAYOR.

CLERK,  
WILLIAM L. SAYER.

### COMMITTEES,

On the Library—Messrs. JULIEN, HOLMES and SAYER.

On Finance—Messrs. TOMPKINS, KENNEDY and ALLEN.

On the Building—Messrs. HOLMES, ALLEN and LAWTON.

On Branch Reading Rooms—Messrs. JULIEN and LAWTON.

LIBRARIAN,  
ROBERT C. INGRAHAM.

ASSISTANT LIBRARIAN,  
B. W. PENNOCK.

CATALOGUER,  
ANNA M. DEWOLF.

ASSISTANTS,  
JOSEPHINE A. MERRICK, SUSIE H. GAMMONS, ETTA F.  
LAWRENCE, FLORENCE E. FARWELL,  
CLEMENT L. YAEGER.

DELIVERY STATION ATTENDANTS,  
North Station—B. H. HUMPHRIES,  
South Station—FRANK O' CONNOR.

PAGES,  
EDWARD DAHILL, HERBERT AMES, GEORGE P. GIFFORD, Jr.  
ALTON DE MORANVILLE.

JANITOR,  
YORICK W. AMES.

## REPORT.

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*To the City Council of the City of New Bedford:*

GENTLEMEN:—We report the circulation of books for the year 1899, for home use, 130,016. This is 18,513 less than in the year 1898 and 2,121 less than in 1897.

The larger circulation of 1898 was partly due to the strike which occurred in the mills at that time. The falling off of the circulation from that of 1897 is probably in some degree due to the fact that the Committee on Library has tried the experiment of refusing to duplicate current popular novels.

The reference use of the library has increased during the year. The part of the library where this work is pursued is not well situated and the student desirous of quiet is disappointed.

The number of books bound and re-bound during the year is 1,971, a slight increase over the year 1898. Many more should have been bound but lack of funds prevented.

The art department would be more appreciated were there more room in which to work.

In addition to a complete card catalogue of the photographs, a list is printed in the monthly bulletin with bibliographical notices of the artists and comments on the more important pictures.

There is in this department a collection of half-tone pictures representing many famous paintings. These are mounted on cards and put in circulation.

The reading rooms at the north and south parts of the city, are well patronized and highly appreciated.

In conclusion we suggest that with lack of room in every department of the library, the efficiency of the departments must suffer accordingly. We invite an early and thorough inspection of these various departments by the City Council.

Respectfully,

C. S. ASHLEY,

J. L. G. MASON,

C. H. LAWTON, Ex-Officio.

W. S. ALLEN,

L. LEB. HOLMES,

M. C. JULIEN,

F. M. KENNEDY,

W. L. SAYER,

I. B. TOMPKINS, JR., Trustees.

## GENERAL STATISTICS FOR 1899.

Volumes added by purchase,	2,009
Volumes added by binding periodicals,	237
Volumes added by gift,	303
Volumes worn out and withdrawn,	722
Volumes worn out and replaced,	426
Net additions to the library in volumes,	1,827
Additions in the form of pamphlets, including gifts of library bulletins, reports, etc.,	779
Volumes bound and re-bound,	1,976
Periodicals in the reading room,	170
Newspapers in the reading room,	22
New cards issued,	1,076
Books drawn for home use,	130,016
Fiction and juveniles,	77.4 per cent.
Decrease of circulation from 1898,	18,513
Total number of volumes in the library,	72,508

## SUNDAY ATTENDANCE 1899.

Total number, 2,955. Largest attendance was Feb. 19, 149. Smallest attendance was June 18, 25. Total attendance for 44 Sundays 2,955. Average attendance 67; an increase of 7 over the average for 1898.

January	1,	71		June	4,	40	
"	8,	85		"	11,	34	
"	15,	107		"	18,	25	
"	22,	119		"	25,	29	128
"	99,	99	481	September	3,	27	
February	5,	85		"	10,	34	
"	12,	83		"	17,	29	
"	19,	149		"	24,	45	135
"	26,	107	424	October	1,	47	
March	4,	91		"	8,	47	
"	12,	78		"	15,	52	
"	19,	67		"	22,	51	
"	26,	92	328	"	29,	67	264
April	2,	81		November	5,	62	
"	9,	60		"	12,	102	
"	16,	77		"	19,	76	
"	23,	35		"	26,	65	305
"	30,	46	299	December	3,	75	
May	7,	35		"	10,	106	
"	14,	34		"	17,	104	
"	21,	61		"	24,	58	
"	28,	42	172	"	31,	76	419

## EXPENDITURE ACCOUNT FOR 1899.

## CITY APPROPRIATION.

To appropriation,		\$11,680.00
By salaries and wages,	\$9,420.52	
Freight charges,	26.38	
Carrying books to stations,	168.20	
Printing,	304.08	
Furniture and repairs,	95.93	
Binding,	987.20	
So. Mass. Telephone Co.,	42.00	
Supplies,	63.94	
Newspapers,	130.75	
Periodicals,	441.00	11,680.00

## SYLVIA ANN HOWLAND FUND.

To balance from old account,	\$158.60	
Income,	3,000.00	
		<hr/>
	\$3,158.60	
By books,	2,425.67	
Balance,	732.93	
		<hr/>
	\$3,158.60	

## GEORGE HOWLAND, JR. FUND.

To balance from old account,	\$96.68	
Income,	96.00	
		<hr/>
	\$192.68	
By Books,	\$25.00	
Balance,	167.68	
		<hr/>
	\$192.68	

## CHARLES W. MORGAN FUND.

To balance from old account,	\$57.84	
Income,	60.00	
		<hr/>
	\$117.84	
By books,	\$71.60	
Balance,	46.24	
		<hr/>
	\$117.84	



1900.

## TRUSTEES' REPORT.

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## JAMES B. CONGDON FUND.

To balance from old account,	\$57.69
Income,	30.00
	<hr/>
	\$87.69
By books,	\$20.03
Balance,	67.66
	<hr/>
	\$87.69

## OLIVER CROCKER FUND.

To balance from old account,	\$ .22
Income,	60.00
	<hr/>
	\$60.22
By books,	\$21.16
Balance,	39.06
	<hr/>
	\$60.22

## GEORGE O. CROCKER FUND.

To balance from old account,	\$402.15
Income,	400.00
	<hr/>
	\$802.15
By books,	\$561.43
Balance,	240.72
	<hr/>
	\$802.15

## CHARLES L. WOOD FUND.

To balance from old account,	\$10.15
Income,	80.00
	<hr/>
	\$90.15
By books,	\$41.97
Balance,	48.18
	<hr/>
	\$90.15

## DOG FUND.

To Balance from old account,	\$315.03
Received,	1,255.46
	<hr/>
	\$1,570.49

By supplies,	96.77	
Newspapers,	33.00	
Freight charges,	20.92	
Books,	80.75	
Furniture and repairs,	23.22	
Photographs,	306.74	
Binding,	56.10	\$617.50
Balance,		952.99
		<hr/>
		\$1,570.49

## READING ROOM FUND.

To Balance from old account,		\$1,373.15
By Newspapers,	\$110.00	
Lighting,	181.77	
Periodicals,	33.00	
Books,	28.80	
Binding,	14.00	
Sundries,	3.37	
Furniture,	60.66	\$431.60
Balance,		941.55
		<hr/>
		\$1,373.15

## TOTAL EXPENDITURES FOR 1899.

Salaries and wages,	\$9,420.52
Purchase of books,	3,276.41
Periodicals,	474.00
Binding,	1,057.30
Newspapers,	273.75
Printing,	304.08
Freight,	47.30
Carrying books to stations,	168.20
Photographs and mounting,	306.74
Furniture and repairs,	179.81
Supplies,	160.71
Lighting (branches),	181.77
So. Mass. Telephone Co.,	42.00
Sundries,	3.37
	<hr/>
	\$15,895.96

Included in the above is \$431.60, spent on the Branch Reading Rooms—(exclusive of salaries.)

## GIFTS, 1899.

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	Volumes.	Pamphlets.
Adams, Charles Francis, Boston . . . . .		1
Adams Nervine Asylum . . . . .		2
Academy of Natural Sciences, Philadelphia . . .	1	
American Academy of Political and Social Science.		1
American Agriculturist. . . . .	1	
American Anti-Imperialist League . . . . .		2
American Anti-Vivisection Society . . . . .		1
American Unitarian Association . . . . .		1
Amherst College . . . . .		1
Andover Theological Seminary . . . . .		1
Atkinson, Edward A. . . . .	3 Nos.	2
Bancroft Whitney Company, San Francisco . . .		1
Benton, J. H., Jr., Boston . . . . .		1
Berry, John M. . . . .		1
Boston City Hospital . . . . .		1
Boston Record Commissioners . . . . .	1	
Bowdoin College Library. . . . .		1
Brooks, Francis A. . . . .		1
Brownell, T. Frank, N. Y. . . . .	3	1
Buffalo Historical Society . . . . .		1
Bunker Hill Monument Association . . . . .	1	
Burton, C. M., Detroit, Mich. . . . .		1
Butler Hospital for the Insane . . . . .		1
Cambridge Public Library. . . . .	1	
Chase, Walter G., . . . . .		2
Christian Science Publishing Society . . . . .		4
City of New Bedford. . . . .	29	5
Colby College, Waterville, Me. . . . .		1
Colby College Library . . . . .	1	
Commonwealth of Massachusetts . . . . .	18	6
Cornell University Agricult. Experiment Station .		22
Clarke School for the Deaf, Northampton, Mass .		1
Clayton, Henry C., M. C. . . . .		1

Covell, Alexander H. . . . .	4	
Cutter, Abram E., Charlestown, Mass. . . . .		1
Daniels, George H. . . . .		2
Davis, Walter A., Fitchburg, Mass. . . . .		1
Emery, William M., New Bedford . . . . .	9	
Estate of Wm. Adams Richardson . . . . .	1	
Fabian Society, London . . . . .		2
Fairmount Park Art Association, Philadelphia . . . . .		1
Field Columbian Museum, Chicago. . . . . 13 Nos.	2	
Foote, Allen Ripley, Takoman Park, D. C. . . . .		2
Foster, L. S., N. Y., 1 photographure . . . . .		
Gardiner, Charles F., London . . . . .	10	
Gifford, Charles H. New Bedford . . . . .	1	
Gifford, Wm. L. R., Cambridge, Mass. . . . .	3	
Gordon, F. G. R., Manchester, N. H. . . . .		1
Green, Dr. Samuel A., Boston . . . . .	3	30
Green, William S., M. C. . . . .		1
Hartford Theological Seminary. . . . .		2
Harvard University. . . . .	1	3
Hoar, Hon. George F. . . . .		1
Houghton, Mifflin & Company . . . . .	1	
Hills, William S., Boston. . . . .		1
Hunt, Mrs. Abby, T., New Bedford . . . . .	2	6
Hutchinson, H. S., New Bedford . . . . .	1	
Indian Rights Association, Philadelphia . . . . .		3
James, Henry B., New Bedford . . . . .	1	
Johns Hopkins University, Baltimore . . . . . 4 Nos.		
Keen, James T., New Bedford . . . . .		1
Kimball, Hazen, New Bedford . . . . .		2
Kirby, William A., New Bedford . . . . .	1	
Knowlton, Hosea M. . . . .	1	
Lake Mohunk Conference of International Arbitration. . . . .		1
Liberty Review Publishing Co. . . . .		1
Libraries:		
<i>Catalogues, Bulletins and Reports:</i>	Nos.	
Amherst College Library. . . . .		2
Baltimore. Enoch Pratt Free Library . . . . .	2	
Peabody Institute . . . . .		1
Boston Public Library . . . . .	14	2
Bridgewater Memorial Public Library . . . . .		1
Brookline Public Library . . . . .	5	1
Brooklyn Public Library. . . . .		1
Free Lending Library . . . . .		2
Buffalo Public Library. . . . .		2
Burlington, Vt. Fletcher Free Library . . . . .		3

Cambridge, Mass. Free Public Library . . . . .	12	1
Harvard University Library . . . . .	1	2
Cedar Rapids Masonic Library . . . . .	13	
Chelsea. Fitz Public Library . . . . .		1
Chicago Public Library . . . . .		1
John Crerar Library . . . . .		1
Cincinnati Public Library . . . . .	6	1
Clinton, Mass. Bigelow Free Public Library .		1
Danvers, Mass. Public Library . . . . .		1
Peabody Institute . . . . .		1
Dayton, Ohio. Public Library and Museum . .	1	1
Detroit Public Library . . . . .		1
Fall River Public Library . . . . .		1
Fitchburg Library . . . . .	4	
Germantown. Friends' Library . . . . .		1
Hartford Public Library . . . . .	10	1
Hamilton, Canada. Public Library . . . . .		1
Helena, Montana. Public Library . . . . .	4	
Hopedale Public Library . . . . .		1
Jersey City Public Library . . . . .	9	1
Lawrence Public Library . . . . .	4	1
Lincoln, England, Public Library . . . . .		1
London, England, Library of St. Martin-in-the- Fields . . . . .		1
Los Angeles Public Library . . . . .		2
Lowell City Library . . . . .	3	
Lynn Public Library . . . . .		1
Malden Public Library . . . . .		1
Medford Public Library . . . . .		1
Milwaukee Public Library . . . . .	3	
Minneapolis Public Library . . . . .	1	1
Monmouth, Ill. Warren Co. Library . . . . .	3	
New Haven. Free Public Library . . . . .	7	1
New York City. Aguilar Free Library . . . . .		1
General Soc. of Mechanics and Tradesmen . .		2
Mercantile Library Association . . . . .	1	1
Public Library . . . . .	12	
Washington Heights Free Library . . . . .		1
New York State. University of the State of New York: State Library . . . . .	5	1
Newark, N. J. Free Public Library . . . . .		1
Newport. Redwood Library . . . . .		1
Newton Free Library . . . . .		1
Northampton. Forbes Library . . . . .	4	1

Paterson, N. J. Public Library . . . . .	3	1
Philadelphia. Apprentices Library Company..		2
Library Company . . . . .	1	1
Mercantile Library Company. . . . .	2	1
Philadelphia Free Library . . . . .		1
Pittsburg, Pa. Carnegie Library. . . . .	10	2
Portland Public Library . . . . .		1
Providence Athenæum. . . . .	3	1
Providence Libraries . . . . .	1	
Public Library . . . . .	12	1
St. Louis Mercantile Library Association . . .		1
Public Library. . . . .		2
Salem Public Library . . . . .	12	2
San Francisco Public Library . . . . .	12	1
Seattle Public Library . . . . .	16	
Somerville Public Library . . . . .	10	1
South Weymouth, Fogg Library. . . . .		1
Springfield. City Library Association . . . .	8	1
Syracuse. Central Library. . . . .		1
Taunton Public Library . . . . .	1	1
Waterbury, Conn. Bronson Library . . . . .		3
Waltham Public Library . . . . .	8	1
Washington. Library of Congress . . . . .		1
Public Library of the District of Columbia . .		1
Watertown Library . . . . .		1
Worcester Free Public Library . . . . .	12	2
Volumes.		
Library of the Missouri Botanical Garden . . . .		1
Littlefield, George E., Boston. . . . .	3	
Lowell Textile School, Lowell, Mass . . . . .		1
Malden City Government. . . . .	1	
MacDonald, Arthur . . . . .		3
Mackenzie College, Brazil . . . . .		1
Maine Association . . . . .	3 Nos.	
Manufacturers' Registration Co. . . . .		1
Massachusetts Institute of Technology . . . . .		2
Massachusetts Reform Club . . . . .		1
Massachusetts Total Abstinence Society . . . .		2
Massachusetts Volunteer Aid Association. . . .		1
Merchants Exchange, St. Louis, Mo . . . . .	1	
Melville, Hon. George W. . . . .		10
Merrick, Josephine A., New Bedford. . . . .	1	
Mount Holyoke College, So. Hadley, Mass . . . .		1
Montauk Club of Brooklyn . . . . .		2
National Single Tax, N. Y. . . . .		1
National Civil Service Reform League . . . . .		2



New Bedford Cemetery Board . . . . .		1
New Bedford Textile School . . . . .		1
New England Water Works Association . . 3 Nos.		
New York Civil Service Reform Association . . .		1
New York Farmers, New York City . . . . .	1	
Newark, N. J., Free Public Library, . . . . .		1
Norman, Lionel, Boston . . . . .		1
Northampton Insane Hospital . . . . .		1
Nye, Mrs. Obed C., New Bedford. . . . .	2	
Ohio Wesleyan University . . . . .		1
Peabody Institute, Baltimore, Md. . . . .		1
Pennock, B. W., New Bedford . . . . .	3	1
Perkins Institute and Massachusetts School for the Blind . . . . .		1
Philadelphia Museum: School of Industrial Art . .	1	
Phillimore, Miss Catherine M. . . . .	1	
Porter, Rev. Edward G. . . . .		1
Providence Machine Company . . . . .	1	
Providence Municipal Government: Record Com- missioners . . . . .	1	
Purrington, Oliver B., New Bedford . . . . .	2	
Quebec and Lake St. John Railway . . . . .		1
Reinstein, J. B. . . . .		1
Rhode Island School of Design . . . . .		1
Rogers, Edward H., Chelsea, Mass . . . . .	1	3
Royal Society of Canada, Ottawa, Canada . . . .	1	
Saturday Evening Post, New York City . . . . .		1
Sayer, William L., New Bedford . . . . .	1	2
Sellers, Edwin Jaquett, Philadelphia . . . . .		
Smith, H. H. H. C., Detroit. . . . . Ms. vol.		
Smithsonian Institution . . . . .	8	5
Society of American Authors . . . . . 4 Nos.		
Soldiers' Home in Mass., Trustees of, Chelsea . . .	1	2
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- O Arauto, Oakland, Cal., 1899. fo.
- Paradise of the Pacific. Honolulu, 1899. 4°. 11 Nos.
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IN BOARD OF ALDERMEN,

Mar. 8, 1900.

Received, ordered printed in the City Documents  
and sent down for concurrence.

D. B. LEONARD, City Clerk.

IN COMMON COUNCIL,

3 mo., 8, 1900.

Concurred.

WM. A. MACKIE, Clerk.

1900—CITY DOCUMENT No. 5.

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ANNUAL REPORT

OF THE

CHIEF ENGINEER

OF THE

FIRE DEPARTMENT

OF THE CITY OF NEW BEDFORD,



FOR THE YEAR ENDING DECEMBER 31, 1899.

---

FREDERICK MACY, Chief Engineer.

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NEW BEDFORD:  
MERCURY PUBLISHING CO., CITY PRINTERS.  
1900.





COMMITTEE OF THE CITY COUNCIL  
ON  
FIRE DEPARTMENT,  
1899.

---

*Aldermen,*

CHAS. E. ELLIS,

*Residence, East French Avenue.*

DR. LOUIS Z. NORMANDIN,

*Residence, 584 Purchase Street.*

---

*Councilmen,*

JAMES DAVIDSON,

*Residence, 280 Austin Street.*

JOHN A. TAYLOR,

*Residence, 210 Park Street.*

ROBERT COOK,

*Residence, 266 Fourth Street.*

## ENGINEER'S DEPARTMENT.

---

*Chief Engineer,*  
FREDERICK MACY,  
*Residence, 234 Acushnet Avenue.*

---

*First Assistant Engineer,*  
LORING T. PARLOW,  
*Residence, 39 High Street.*

---

*Second Assistant Engineer,*  
EDWARD F. DAHILL,  
*Residence, 764 County Street.*

---

*Third Assistant Engineer,*  
JAMES J. DONAGY,  
*Residence, 83 Washington Street.*

---

*Fourth Assistant Engineer,*  
WILLIAM A. GIBBS,  
*Residence, 181 Fourth Street.*

---

*Clerk of Board of Engineers,*  
FREDERICK B. MACY,  
*Residence, 22 Parker Street.*

---

*Master Mechanic,*  
DANIEL D. BRIGGS,  
*Residence, 43 Bedford Street.*

*Assistant Master Mechanic,*  
GEORGE H. PARKER,  
*Residence, 40 Parker Street.*

---

*Department Engineer,*  
HENRY J. MARSHALL,  
*Residence, 261 Fourth Street.*

---

*Department Drivers,*  
CHAS. A. HASKINS,  
*Residence, 256 Kempton Street.*  
  
FRANK A. LEWIS,  
*Residence, 208 Kempton Street.*

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*Department Lineman,*  
WILLIAM CURTIS,  
*Residence, 43 Wing Street.*



# REPORT.

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HEADQUARTERS FIRE DEPARTMENT,

CITY HALL, NEW BEDFORD,

December 31, 1899.

GENTLEMEN:—In compliance with the requirements of the City ordinance governing the Fire Department of the city, I herewith submit to you my twenty-third annual report of the condition and work performed by this department for the year 1899 together with a list of members, with their rank, number of badge, age, residence, and occupation; location of hydrants and fire alarm boxes; a statement of receipts and expenses; fires and alarms; losses and insurance, as near as could be ascertained; and such suggestions as I think will be necessary for the good of the department.

There is nothing of special interest to report, everything has gone along about as usual during the year. We have had an unusual number of fires but few of any magnitude, and it gives me a great deal of pleasure to be able to report the smallest loss of any year since 1894. We have had several fires which seemed on the start to be serious but owing to the efficiency and good work of the department were soon under control.

The members of the department in all its branches have been prompt in responding to alarms and have performed all their duties in an intelligent manner.

The most serious fire we had occurred on the morning of March 11th, when the Eyelet factory of J. C. Rhodes on North Front street was damaged. This was the only fire in the year which called for a second alarm.

On the 19th of July the Rockdale Ice Company's extensive ice houses on Rockdale avenue were burned. There being no water in the vicinity the department could render no assistance and they were totally destroyed.

These two fires caused more than one-half of the loss for the year.

I regret to have to report the death of four members of the department.

Chas. W. Vining, Lieutenant of Hook & Ladder Co., died on March 21st; Herbert B. Gardner, clerk of Engine Co. No. 6, died on March 29th; Chas. G. Taber, Engineer of Engine No. 6, died on April 5th; Isaiah H. Wilcox, Hoseman of Engine Co. No. 5, died on Sept. 18th. They were all connected with the department for many years and are sadly missed by their comrades.

### FORCE OF THE DEPARTMENT.

The force of the department consists of two hundred and twenty-one members divided as follows: Forty-five permanently employed and one hundred and seventy-six call men.

### APPARATUS.

The apparatus consists of eight steam fire engines, all in first-class order, one hand engine at the Head of the River, two two-wheeled and one four-wheeled hose reels, seven hose wagons, one combination chemical, three Hayes Aerial ladder trucks in commission, (one Ryan truck in reserve,) nine exercise and coal wagons, and one telegraph wagon.



## HOUSES.

There are eight brick and one frame engine-houses, all in good order and will need little done to them the coming year.

## HORSES.

There are forty-five horses belonging to the department all in very good condition. It may be necessary to purchase two or three the coming year for spare.

## HARNESSES.

There are five sets of harnesses for three-horse hitches, thirteen for two-horses, and ten single harnesses, all in good order.

## HOSE.

There are seventeen thousand six hundred feet of two and one-half inch cotton rubber-lined hose in good condition.

## WATER SUPPLY.

The number of hydrants Jan. 1, 1899, was seven hundred and thirteen (713), added during the year ten, (10), making a total of seven hundred and twenty-three (723).

There are also twenty-six (26) reservoirs in good condition to be used in case of emergency. Our water supply has been very much improved by the introduction of the new system, as now we have not only a heavy pressure along the water front where the mills are situated but a good fire pressure on the high land among the residences where formerly there was none, and we had to depend entirely upon engines.

## FIRE ALARM.

There has been considerable work done in this department during the year in the way of improvements. The old gravity battery has been discarded and a storage system put in which has been in operation since September, and has given perfect satisfaction as it is not only more economical but very much more reliable.

I am anxious to put in a new ten circuit repeater the coming year. When this is done the office part of the system will be up to date in every particular.

We have done very little to our underground system during the year, having put in only three hundred feet of cable on Ash street, but as the New England and Automatic Telephone Companies have put in the ducts for us I am in hopes to put in several thousand feet the coming year.

There has been one fire alarm box added during the year and placed at Kempton and Reed streets, and numbered two hundred and twenty-four (224).

There has been one private fire alarm box added and placed on the north end of the Pierce Manufacturing Co.'s mill, and numbered ninety-three (93) which is a duplicate of the one at the office.

We have quite a number of the old original boxes in use which I am anxious to replace with the latest improved non-interfering box as fast as possible, and by changing a few each year we will accomplish the object and not feel the expense very much.

We have now eighty-nine (89) boxes, twenty-eight (28) of which are private; forty (40) miles of wire, twelve (12) bells and strikers, nine (9) fifteen-inch engine-house gongs, seven (7) seven-inch engineer's gongs, and ten (10) small tappers, operated by a gravity battery of two hundred and fifty cups.

## UNDERGROUND CABLES LAID IN 1898 AND 1899.

1,117 feet	20 wire cable.
1,088 feet	16 wire cable.
515 feet	12 wire cable.
1,316 feet	10 wire cable.
2,358 feet	9 wire cable.
2,163 feet	7 wire cable.
833 feet	6 wire cable.
3,357 feet	5 wire cable.
832 feet	4 wire cable.
835 feet	3 wire cable.
1,762 feet	2 wire cable.
<hr/>	
16,177	

## PROTECTIVE DEPARTMENT.

There has been considerable work for this department during the year, having had many fires in dwelling houses where it has been necessary to cover furniture, saving many thousands of dollars not only for the insurance of-  
fices but individuals.

The members have been very prompt in responding to all alarms.

## RECEIPTS AND EXPENDITURES.

General appropriation 1899,	\$78,000.00	
Receipts,	317.90	\$78,317.90
Expenditures,	78,246.43	
Transferred to unappropriated funds, balance,	71.47	\$78,317.90

## CONCLUSION.

To His Honor the Mayor and gentlemen of the City Council, for the interest taken in this department, to the Board of Engineers, for their hearty support, and to the officers and members of the Fire and Police departments, for the faithful manner in which they have performed all their duties, I return my most sincere thanks.

FREDERICK MACY,

Chief of Fire Department.

## STATEMENT OF EXPENDITURES.

Salaries,	\$2,724.92
Pay rolls,	59,061.08
Shoeing and blacksmithing,	1,181.42
Hay and straw,	2,471.37
Grain,	1,688.95
Supplies,	1,048.40
Lights,	719.19
Wood and coal,	1,231.67
Rents,	120.00
Telephones,	450.75
Fire alarm supplies,	2,694.06
Engine and wagon repairs,	415.94
Repairs of buildings,	904.20
Horses,	940.00
Horse hire,	1,097.00
Printing and incidentals,	604.90
Harnesses and repairs,	336.97
House furnishings,	152.86
Hose,	402.75
	<hr/>
	\$78,246.43

## ONWARD STEAM FIRE ENGINE COMPANY, No. 1.

House on Purchase street, foot of Franklin street. Engine built by Amoskeag Manufacturing Co., Manchester, N. H.; capacity 500 gallons per minute; weight of engine as drawn to fires 6,950 pounds; put into service August 26, 1869. Present company organized December 30, 1871.

DATE OF JOINING.	NO. OF BADGE.	NAME.	RANK.	AGE.	RESIDENCE.	OCCUPATION.
April 27, 1893	10	James L. Haskins	Captain	34	Engine House	Fireman.
July 28, 1890	16	Charles H. Thomas	1st Lieut.	40	87 Locust st.	Roll coverer.
June 3, 1892	9	Robert Woolfenden	2nd Lieut.	33	399 Pleasant st.	Clothier.
Jan. 28, 1873	7	Julian A. Sweet	Clerk	51	134 State st.	Roll coverer.
May 31, 1880	14	Charles A. Wilson	Hoseman	42	95 Walden st.	Carpenter.
May 7, 1883	11	Fred. W. Brightman	"	41	Cor. Kempton and Foster	Paint manfr.
Dec. 29, 1884	19	John Whitehead	"	52	565 Purchase st.	Copper w'k'r.
July 30, 1894	13	Herbert C. Gifford	"	27	Maxfield st.	City foreman.
July 31, 1893	18	John Woolfenden	"	34	400 Pleasant st.	Jeweler.
Mar. 25, 1895	6	Law. T. Woolfenden	"	26	441 Pleasant st.	Shoe dealer.
Mar. 30, 1896	17	Thomas Walmsley	"	29	1 Ashland st.	Grocer.
Mar. 30, 1897	15	William O. Martin	"	24	68 Spruce st.	Carpenter.
Sept. 30, 1895	12	Edward F. Tripp	Substitute	37	359 Pleasant st.	Painter.
April 5, 1897	8	Edward L. Wilson	"	32	401 Pleasant st.	"
June 9, 1894	20	John H. Backus	Engine- man	47	Engine House	Engineman.
June 9, 1894	21	Edward F. A. Cowen	Driver	50	Engine House	Driver.
Dec. 1, 1894	23	William H. Young	"	39	Engine House	"
Dec. 1, 1894	22	George H. Backus	Stoker	25	541 Purchase st.	Machinist.

## PROGRESS STEAM FIRE ENGINE COMPANY, NO. 2.

House, corner Purchase street and Mechanics lane. Engine built by the Manchester Locomotive Works, Manchester, N. H.; capacity 500 gallons per minute; weight of engine as drawn to fires, 7,000 pounds; put into commission November 6, 1884. Company organized October 27, 1860.

DATE OF JOINING.	NO. OF BADGE.	NAME.	RANK.	AGE.	RESIDENCE.	OCCUPATION.
July 2, 1894	31	J. H. Dollard	Captain	43	42 Ash st.	Stone Cutter
April 22, 1896	33	C. P. Johnson	1st Lieut	40	n. w. cor. Kemp- ton & Sec. sts.	Mechanic
April 22, 1896	27	J. W. Baker	2nd Lieut	38	69 Mechanics lane	Carpenter
Dec. 1, 1890	24	J. L. Crowley	Clerk	30	252 Chestnut st.	Plumber
Nov. 1, 1862	25	J. Downey	Hoseman	62	119 No. Sec'd st.	Teamer
Sept. 7, 1874	32	C. F. Dean	"	43	59 Elm st.	Painter
July 3, 1876	34	M. Dean	"	45	202 Purchase st.	Blacksmith
Jan. 12, 1892	28	H. A. Sherman	"	45	327 County st	"
Jan. 12, 1892	30	G. W. Haskins	"	30	359 Pleasant st.	Mechanic
July 6, 1896	35	Wm. L. Durfee	"	26	81 School st.	Driver
June 6, 1898	29	Jesse Oliver	"	29	n. w. cor. North & Second	Laborer
April 22, 1896	37	C. E. Robertson	"	24	71 Foster st.	Driver
Aug. 1, 1898	26	A. R. Morse, Jr.	Substitute	27	208 Kempton st.	"
Nov. 7, 1898	36	T. S. Downey	"	23	119 No. Sec'd st.	Collector
Aug. 23, 1892	38	B. G. Groves	Engineer	43	Foster & High sts	Engineer
June 25, 1893	39	Charles Allen	Driver	43	Engine House	Driver
April 26, 1895	41	Roland Hatch	"	30	" "	"
April 1, 1897	40	O. S. Hammond	Stoker	30	" "	Stoker



## CORNELIUS HOWLAND STEAM FIRE ENGINE COMPANY, No. 4.

House corner Sixth and Bedford streets. Engine built by the Manchester Locomotive Works, Manchester, N. H.; capacity 500 gallons per minute; weight of engine as drawn to fires 7,000 pounds; put into service May 20, 1884. Company organized February 1, 1867.

DATE OF JOINING.	NO. OF BADGE.	NAME.	RANK.	AGE.	RESIDENCE.	OCCUPATION.
Sept. 29, 1872	44	Charles S. Wing	Captain	45	279 Acushnet ave.	Permanent.
Dec. 30, 1895	51	John E. Joseph	1st Lieut.	30	97 So. Sixth st.	Clerk.
May 28, 1898	46	Walter F. Brownell	2d Lieut.	29	73 Dartmouth st.	Clerk.
Feb. 16, 1888	49	Frank C. Jennings	Clerk	33	19 Allen st.	Oil dealer.
Dec. 6, 1897	47	Charles H. Card	Hoseman	51	73 Forest st.	Painter.
Nov. 10, 1879	53	Benj. F. Hinckley	"	42	179 Fourth st.	Printer.
July 26, 1886	43	Wm. E. Watson, Jr.	"	36	Cor. Fourth and [School sts.]	Fish merch'nt
May 28, 1894	45	Louis A. Vierick	"	28	87 So. Sixth st.	Machinist.
Jan. 5, 1894	50	Henry La Rocque	"	29	86 So. Sixth st.	Machinist.
July 2, 1894	48	Harrie B. Jennings	"	25	358 Reed st.	Clerk.
Jan. 13, 1896	52	Arthur C. Smith	"	23	78 So. Sixth st.	Electrician.
Sept. 27, 1897	42	Edw. L. Macomber	"	27	46 Page st.	Blacksmith.
July 25, 1898	54	Fred. L. Jason	Substitute	21	111 So. Sev'nth st.	Carpenter.
Nov. 28, 1898	55	George A. Lowell	"	27	64 Forest st.	Carriage trimmer.
Aug. 29, 1878	56	Alonzo V. Jason	Engineer	44	114 So. Sev'nth st.	Engineer.
Jan. 29, 1867	57	George H. W. Tripp	Driver	62	57 Bedford st.	Driver.
April 1, 1889	59	William C. Kennedy	"	34	144 Bedford st.	Driver.
Mar. 25, 1889	58	Leander Reed	Stoker	50	3 Bay st.	Clerk.

## ZACHARIAH HILLMAN STEAM FIRE ENGINE COMPANY No. 5

House corner County and Hillman streets. Engine built by La France Steam Fire Engine Co., Elmira, N. Y.; capacity 500 gallons per minute; weight of engine as drawn to fires, 7,300 pounds; put into service March 10, 1894. Company organized December 13, 1873.

DATE OF JOINING.	NO. OF BADGE.	NAME.	RANK.	AGE.	RESIDENCE.	OCCUPATION.
Dec. 31, 1888	70	Thomas H. Forbes	Captain	38	300 Maxfield st.	Permanent [fireman.
Dec. 28, 1891	73	Ernest L. Soule	1st Lieut.	37	15 Keene st	Wood work'r.
Feb. 9, 1891	60	George E. Macomber	2d Lieut.	47	167 Mill st.	Engineer.
Oct. 1, 1885	63	Joseph C. Forbes	Clerk	33	299 Chancery st	Clerk.
Sept. 30, 1890	68	Thomas N. Meyers	Hoseman	37	48 Summer st.	Frame mak'r.
Sept. 30, 1889	71	Obed S. Cowen	"	36	178 Mill st.	Carpet [upholsterer.
Feb. 1, 1893	51	Frank B. Chadwick	"	27	367 Kempton st.	Machinist.
Jan. 26, 1893	69	J. F. Gifford	"	44	226 Mill st.	Foreman [Aut. Tel.Co.
Dec. 31, 1894	66	Charles H. Bowman	"	34	5 North st.	Fireman.
Oct. 1, 1894	65	William L. Davis	"	37	106 Chestnut st.	Painter.
Apr. 29, 1895	72	Louis H. Almy	"	29	8 Keene st.	Printer.
July 31, 1899	64	Samuel E. Gabriel	"	37	1 Willis court	Laundryman.
Apr. 27, 1896	67	Edward N. Bennett	Substitute	39	130 Summer st.	Clerk.
Sept. 25, 1899	62	Geo. H. Comstock, Jr.	"	21	299 Chancery st.	Machinist.
Jan. 7, 1874	75	Benjamin F. King, Jr.	Engine [driver	61	335 Kempton st.	Engine [driver.
Dec. 13, 1873	74	Martin Blanchard, Jr.	Engineer	55	39 Smith st.	Engineer.
May 1, 1882	76	Charles W. Jones	Stoker	43	373 Cottage st.	Wood work'r.
Jan. 28, 1883	77	Martin S. Nelson	Wagon [driver	42	Engine House.	Wagon [driver.

## FREDERICK MACY STEAM FIRE ENGINE COMPANY No. 6.

House on Fourth street, head of Potomska street. Engine built by Manchester Locomotive Works, Manchester, N. H.; capacity, 500 gallons per minute; weight of engine as drawn to fires, 7,100 pounds; put into service November 1, 1882. Company organized Oct. 31, 1882.

DATE OF JOINING.	NO. OF BADGE.	NAME.	RANK.	AGE.	RESIDENCE.	OCCUPATION
Oct. 26, 1886	130	Edward W. O'Neill	Captain	39	30 Thompson st.	Glass Cutter.
Oct. 31, 1882	125	Marshall S. Green	1st Lieut.	45	233 Rivet st.	Mason.
Jan. 1, 1895	124	George H. Whalen	2nd Lieut.	27	9 Warwick st.	Soldier.
Mar. 27, 1888	128	Joseph Jackson	Clerk	44	1 Bedford st.	Barber.
Oct. 31, 1882	132	Jason L. Ballou	Hoseman	54	37 Crapo st.	Carpenter.
Oct. 31, 1882	135	Fred. S. Nelson	"	33	43 Sherman st.	Mason.
Dec. 15, 1892	121	Charles E. Green	"	25	29 Rockland st.	Metalturner.
June 30, 1891	123	John F. Rogers	"	32	97 Acushnet ave.	Undertaker.
Feb. 3, 1890	131	Charles E. Allen	"	37	60 Rockland st.	Painter.
June 26, 1894	126	James Rock, Jr.	"	27	743 So. Water st.	Clerk.
May 31, 1892	138	Michael Stapleton	"	40	168 Cove st.	Salesman.
Aug. 8, 1898	133	Fred. C. Edmondson	"	27	32 Winsor st.	Metalturner.
Sept. 26, 1898	127	Robert E. Allen	Substitute	21	157 Grinnell st.	Painter.
May 1, 1899	122	William C. Demello	"	37	159 Bonney st.	Clerk.
May 15, 1896	137	John J. Crowley	Engineer	42	449 So. First st.	Engineer.
Nov. 1, 1891	142	John J. Meany	Stoker	30	25 Crapo st.	Contractor.
Oct. 31, 1882	134	Frank A. Greene	Engine	34	87 Acushnet ave.	Driver.
Oct. 31, 1882	136	N. Herbert Greene	Wagon driver	43	207 Rivet st.	Driver.

## STEAM FIRE ENGINE COMPANY No. 7.

House on Durfee Street. Engine built by the Manchester Locomotive Works, Manchester, N. H.; capacity 500 gallons per minute; weight of engine as drawn to fires, 7,000 pounds; put into service September 1, 1890. Company organized September 1, 1890.

DATE OF JOINING.	NO. OF BADGE.	NAME.	RANK.	AGE.	RESIDENCE.	OCCUPATION.
Sept. 1, 1890	205	Maurice C. Dahill	Captain	40	28 Richmond st.	Fireman.
" "	204	Edward H. Booth	1st Lieut.	49	2 Vine st.	Carinspector.
" "	206	John H. Ryan	2nd Lieut.	41	563 Cottage st.	Plumber.
Jan. 3, 1893	195	John N. O'Brien	Clerk	37	103 Robeson st.	Merchant.
Sept. 1, 1890	209	Charles A. Galligan	Hoseman	33	772 County st.	"
" "	207	John D. Manseau	"	34	30 Durfee st.	Salesman.
Nov. 11, 1890	211	Crawford L. Dunham	"	32	131 Merrimac st	Plumber.
Sept. 1, 1890	203	George A. Bosworth	"	36	20 Richmond st.	Contractor.
" "	197	Stephen C. Lowe	"	42	43 Seventh st.	Merchant.
" "	210	James M. Whittaker	"	34	342 Cedar st.	Laundryman.
" "	198	Thomas Mack	"	37	North st.	Clerk.
June 11, 1894	212	Thomas Lowe	"	53	170 Shawmut av	Plumber.
Dec. 2, 1894	196	William Simister	Substitute	33	95 Robeson st.	Grocer.
July 4, 1896	208	Charles F. Dailey	"	34	154 Cedar Grove	Plumber.
Sept. 1 1890	199	James R. Goddard	Engineer	41	695 Cottage st.	Engineer.
" "	202	Andrew Tripp	Stoker	47	15 Durfee st.	Shoemaker.
" "	200	Wm. H. H. S. King	Hostler	35	Ashland st.	Hostler.
" "	201	Ed. H. Coggeshall	"	29	Engine House	"

## STEAM FIRE ENGINE COMPANY No. 8.

House, Acushnet avenue and Davis street. Engine built by La France Steam Fire Engine Co., Elmira, N. Y.; capacity, 500 gallons per minute; put into service December 1, 1894. Company organized December 1, 1894.

DATE OF JOINING.	NO. OF BADGE.	NAME.	RANK.	AGE.	RESIDENCE.	OCCUPATION.
Apr. 16, 1897	238	George H. Cook	Captain	40	No. 8 Engine House	Captain.
Jan. 21, 1896	252	John H. Hilton	1st Lieut.	47	Acushnet ave.	Teamster.
Dec. 1, 1894	246	R. C. McWhinnie	2d Lieut.	41	Church st.	Mill hand.
" "	244	Michael McDonald	Clerk	32	Cor. Austin and [Cedar sts.	Merchant.
" "	245	Thomas S. Riley	Hoseman	31	Cottage st.	"
" "	242	David C. McWhinnie	"	35	Ashland st.	Mechanic.
" "	241	James Slater	"	48	678 Purchase st.	Merchant.
" "	247	E. L. Hughes	"	32	Cor. Coffin and [Acushnet ave.	Mechanic.
" "	248	Nicholas Whalen	"	33	Locust st.	Merchant.
" "	251	Dan. S. Considine	"	35	Park Hotel	"
May 28, 1897	253	William McCann	"	41	North Front st.	"
May 1, 1896	243	John H. Finnell	"	35	Acushnet ave.	"
" "	254	John S. Francis	Substitute	35	Coffin ave.	Mill hand.
Sept. 22, 1897	249	William Ardrey	"	29	" "	"
Dec. 1, 1894	240	John Watterson	Stoker	34	441 Pleasant st.	Fireman.
" "	250	Antone Lemos	Driver	35	No. 8. Engine House	Driver.
" "	239	Squire A. Gifford	"	51	" "	"
" "	237	William R. Moore	Engineer	38	" "	Engineer.

## HANCOCK ENGINE COMPANY No. 9.

House located at Acushnet. Engine built by John Agnew of Philadelphia, in 1843. Engine removed to Acushnet, January 18, 1861, and a company was organized to man her at that time. Company reorganized December 14, 1878.

DATE OF JOINING.	NO. OF BADGE.	NAME.	RANK.	AGE.	RESIDENCE.	OCCUPATION.
Nov. 28, 1865	147	Francis P. Washburn	Captain	56	Acushnet ave.	Carpenter.
Dec. 14, 1878	160	Herbert M. Spooner	1st Lieut.	40	Rivet st.	Boxmaker.
Sept. 3, 1883	151	John G. Whalon	2nd Lieut.	38	Acushnet ave.	"
Feb. 28, 1870	146	John A. Russell	Clerk	49	" "	Farmer.
May 1, 1882	159	Israel H. Peckham	Suction	57	" "	Blacksmith.
Nov. 20, 1874	158	Lemuel A. Washburn	hoseman	61	" "	Teamer.
Dec. 4, 1882	164	George W. Hawes	" "	45	" "	"
Dec. 14, 1878	153	William T. Gifford	Leading	53	Mill road	Farmer.
May 3, 1886	155	George H. Gifford	hoseman	28	Acushnet ave.	Carpenter.
April 30, 1877	154	Joseph W. Spooner	" "	47	" "	Teamer.
Aug. 26, 1895	150	Allen G. Briggs	" "	34	" "	Blacksmith.
May 31, 1892	157	Wa'ter H. Darling	Steward	34	Main st.	Boxmaker.
Dec. 14, 1878	152	James A. Wilber	Brakeman	54	Mill road	Ropemaker.
Dec. 27, 1897	166	Frank L. Reed	"	24	" "	Teamer.
Feb. 4, 1889	161	William P. Reed	"	47	Tarkiln Hill rd.	"
Dec. 6, 1886	145	John F. Parker	"	30	Main st.	Painter.
Dec. 14, 1878	149	John Sylvia	"	60	River st.	Janitor.
May 30, 1870	148	And. B. Grinnell, Jr.	"	60	Acushnet ave.	Clerk.
Dec. 14, 1878	165	Allen Russell, Jr.	"	42	" "	Farmer.
Jan. 7, 1889	163	Nathan C. Briggs	"	65	" "	Carpenter.
Sept. 25, 1893	162	Frederick W. Bowles	"	34	" "	Sawyer.
May 14, 1885	156	Henry E. Reed	"	32	Mill road	Mason.
Sept. 16, 1895		Edward F. Davis	Substitute	33	Tarkiln Hill rd.	Clerk.
May 4, 1896		Edgar W. Darling	"	24	Acushnet ave.	Boxmaker.



## HOOK AND LADDER COMPANY No. 1.

House corner Purchase street and Mechanics lane. Carriage built by La France Steam Fire Engine Co., Elmira, N. Y.; put into commission April 29, 1895.

DATE OF JOINING.	NO. OF BADGE.	NAME.	RANK.	AGE.	RESIDENCE.	OCCUPATION.
Jan. 5, 1884	101	Frank Spooner	Captain	44	West North st.	Painter.
June 24, 1883	105	Edward D. Francis	1st Lieut.	44	86 Kempton st.	Shoemaker.
Feb. 1, 1897	89	David A. Cobb	2nd Lieut.	31	West Elm st.	Painter.
June 24, 1889	104	William L. Fletcher	Clerk	34	224 North st.	Grinder.
Jan. 31, 1870	87	Lysander W. Davis	Ladder- [man]	65	106 Chestnut st.	Carpenter.
Apr. 27, 1896	88	Harry F. Chase	Axeman	27	11 Emerson st.	Teamster.
Nov. 29, 1886	103	Alfred M. Gifford	Ladder- [man]	36	148 Maxfield st.	"
July 25, 1890	107	George A. Caswell	Axeman	27	94 Middle st.	"
Aug. 25, 1865	102	Charles J. Johnson	Ladder- [man]	67	544 Cottage st.	Spar maker.
Jan. 1, 1895	98	Edw. C. Neagus, Jr.	"	27	72 Walden st.	Clerk.
Aug. 7, 1863	86	Phillp M. Tripp	"	60	173 Arnold st.	Teamster.
Apr. 26, 1897	106	William F. Wilcox	"	45	Bancroft House, [room 9]	Hostler.
Feb. 1, 1897	91	James Manchester	Substitute	36	229 Cedar st.	Painter.
Mar. 27, 1899	106	William C. Coon	"	34	174 Maxfield st.	"
Sept. 1, 1888	93	George S. Allen	Driver	38	303 Acushnet av.	Hostler.
Feb. 13, 1895	97	Isaac R. Allen	Tillerman	42	120 High st.	Tillerman.

## HOOK AND LADDER COMPANY No. 2.

House on Weld street. Carriage built by La France Steam Fire Engine Co., Elmira, N. Y.; put into commission August 30, 1888. Present company organized September, 1888.

DATE OF JOINING.	NO. OF BADGE.	NAME.	RANK.	AGE.	RESIDENCE.	OCCUPATION.
Sept. 1, 1888	175	Martin H. Sullivan	Captain	41	78 North st.	Contractor.
Sept. 8, 1893	176	Edward M. Murphy	1st Lieut.	34	Richmond st.	Clerk.
Sept. 1, 1892	174	Charles H. McCarty	2d Lieut.	28	Clark & State sts	Driver.
Sept. 1, 1888	180	Peter F. Sullivan	Clerk	39	869 County st.	Grocer.
" "	177	John S. Harrington	Ladderm'n	40	Weld & Pleasant	Driver.
" "	178	David Warren	"	42	252 State st.	Stable keeper.
May 1, 1890	184	Frank R. Pease	"	41	923 Acushn't ave.	Druggist.
Mar. 1, 1892	173	William Sellecks	"	30	136 No. Front st.	Teamer.
Dec. 18, 1894	181	John Conway	"	24	" "	Plumber.
June 1, 1897	179	Michael J. Sullivan	"	40	837 Purchase st.	Carpenter.
Oct. 1, 1895	183	John E. Murphy	"	28	209 Ced. Grove st.	Driver.
May 1, 1896	172	James H. Mahoney	"	23	20 Robeson st.	Plumber.
Sept. 1, 1898	182	Mark E. Sullivan	Substitute	25	Homer & Locust	Contractor.
Dec. 13, 1898	171	John H. Galligan	"	30	62 Durfee st.	Clerk.
Oct. 9, 1894	108	George H. Nickerson	Driver	31	910 Acushn't ave.	Driver.
Sept. 15, 1895	215	Jere. T. Haggerty	Tillerman	30	936 Acushn't ave.	Tillerman.

## HOOK AND LADDER COMPANY No. 3.

House on Fourth street, head of Potomska. Carriage built by La France Steam Fire Engine Co., Elmira, N. Y.; put into commission Nov. 1, 1891. Company organized Nov. 1, 1891.

DATE OF JOINING.	NO. OF BADGE.	NAME.	RANK.	AGE.	RESIDENCE.	OCCUPATION.
May 1, 1899	220	John W. Donaghy	Captain	33	Engine house	N. B. F. D.
Nov. 1, 1891	218	John O'Neil	1st Lieut.	36	30 Thompson st	Glasscutter.
Feb. 1, 1892	225	Stephen J. Cassidy, Jr.	2nd Lieut.	33	273 Fourth st.	Painter.
Nov. 1, 1891	219	Daniel E. Nelson	Clerk	35	314 So. Second	Mason.
Aug. 2, 1897	226	Edward M. Slocum	Ladderm'n	28	16 Sherman st.	Civil eng.
Nov. 1, 1891	222	Henry R. Lindsey	"	37	211 County st.	Carpenter.
" "	221	Henry E. Chase	"	35	167 Grinnell st.	Painter.
Jan. 7, 1895	217	Nelson L. Pike	"	35	Rural Cemetery	Sexton.
July 8, 1897	228	Frank X. Lavoie	"	39	40 Thompson st.	Painter.
April 5, 1897	227	Wm. H. Greene	"	21	233 Rivet st.	Clerk.
Oct. 9, 1897	224	Fred'k E. Ricketson	"	25	County and [Thompson	Painter.
Feb. 7, 1898	223	Henry M. Whelan	"	22	216 County st.	Mason.
Nov. 7, 1898	230	Wm. N. Nelson	Substitute	37	46 Oak st.	Mason.
June 5, 1899	229	Owen J. Dowd	"	29	704 So. First st.	Barber.
April 1, 1897	231	Geo. H. Baylies	Tillerman	28	Engine House	Tillerman.
" "	232	Martin J. Galvin	Driver	39	Engine House	Hostler.

## CHEMICAL ENGINE COMPANY NO. 1.

House, corner Purchase street and Mechanics lane. Wagon built by Charles F. Halloway, Baltimore, Md.; put into commission July 1, 1895. Company organized December 31, 1871.

DATE OF JOINING.	NO. OF BADGE.	NAME.	RANK.	AGE.	RESIDENCE.	OCCUPATION.
May 19, 1896	80	D. W. Howland	Captain	62	219 Kempton st.	Blacksmith
"	81	J. B. Oliver	Clerk	34	297 Cottage st.	"
"	83	J. P. Thompson	Hose	39	43 No. Sixth st.	Painter
"	82	C. E. Thomas	"	44	39 Newton st.	Carpenter
"	84	F. E. Mosher	Driver	39	194 High st.	Hostler

## HOSE COMPANY No. 2.

House, corner of Weld and Bowditch streets. Wagon built by Brownell, Ashley & Co., New Bedford; put into commission December 1, 1888. Company organized December 3, 1888.

DATE OF JOINING.	NO. OF BADGE.	NAME.	RANK.	AGE.	RESIDENCE.	OCCUPATION.
Dec. 3, 1888.	17	Reuben Taber.	Captain.	43	Engine house	Permanent
" "	186	Stephen L. Finnell	1st Lieut.	40	17 Reynolds st.	Salesman. [man.]
" "	187	Bart. P. Fury	2nd Lieut.	37	501 Purchase st.	Clerk.
" "	192	George C. Hewins	Clerk.	27	72 Hazard st.	Engineer.
Aug. 16, 1889	188	Wm. Woolfenden	Hoseman.	30	465 Pleasant st.	Barber.
Aug. 1, 1893	189	John Watson	"	42	8 Ashland st.	Merchant.
Apr. 28, 1895	190	William Moore	"	24	52 Weld st.	Clerk.
Nov. 3, 1897	191	Michael Daley	Substitute	31	41 Davis st.	Carpenter.
Dec. 12, 1893	194	Arthur McDonald	Driver	28	Engine house.	Permanent [man.]

## NEW BEDFORD PROTECTING SOCIETY.

President, Charles S. Kelley; 1st Director, William A. Robinson; 2d Director, Charles H. Lawton; 3d Director, Edward T. Pierce; 4th Director, Charles M. Haskell; 5th Director, Edmund F. Maxfield; 6th Director, Edmund Wood; 7th Director, John H. Lowe; 8th Director, John E. Gibbs; Secretary and Treasurer, Edmond L. Wilde.

Francis T. Akin,  
Gideon Allen, Jr.,  
George H. H. Allen,  
James H. Bamford,  
William Bamford,  
Lewis E. Bentley,  
George W. Bennett,  
O. Frank Bly,  
Standish Bourne,  
Byron F. Card,  
R. C. P. Coggeshall,  
Henry C. Denison,  
Ernest A. Dunham,  
Fred C. Dunham,  
Joseph Dias,  
John Eldridge, Jr.,  
James P. Francis,  
Edward R. Gardner,  
John E. Gibbs,  
Frank H. Gifford,  
Charles H. Gifford,  
Thomas J. Gifford,  
A. W. Hadley,  
Charles H. Holden,  
John J. Howland,  
Edgar B. Hammond,  
Henry F. Hammond,  
H. S. Hutchinson,  
Jas. L. Humphrey, Jr.,  
Thomas H. Knowles,  
G. D. Kingman,  
Edgar R. Lewis,  
William J. Lewis,

Philander F. Manchester,  
Frederick B. Macy,  
J. Roland Macy,  
Willard Nye, Jr.,  
Otis N. Pierce,  
William F. Potter,  
Edward F. Penney,  
William H. Pitman,  
Charles L. Paine,  
David L. Parker,  
Stephen D. Pierce,  
George A. Phillips,  
William F. Read,  
Morgan Rotch,  
Arthur E. Robbins,  
Louis H. Richardson,  
Gardner T. Sanford,  
Alex. T. Smith,  
Leander H. Swift,  
Robert Snow,  
Daniel J. Sullivan,  
Frederic Taber,  
William T. Taylor,  
F. E. Thilo,  
Alfred Thornton,  
Alfred G. Wilbor,  
William Whitehead,  
Horace Wood,  
Frederic A. Washburn,  
Thomas F. Wood,  
William R. West,  
Mark T. Vincent.



## Fire Alarms, Losses and Insurance for 1899.

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The loss by fire for the year ending Dec. 31, 1899, was \$40,718.40. Amount of insurance, 219,575. Number of bell alarms, 81. Number of still and telephone alarms, 88. Total alarms, 169.

Jan. 1, 10.55 A. M. (Still.) Fire in house corner Robeson and County streets, owned and occupied by Mrs. Wm. F. Drown. Cause, chimney. Responded to by men from Station No. 7. No loss.

Jan. 1, 2.20 P. M. Box 28. House, Court street, west of Cedar, owned and occupied by E. A. Douglass. Cause, defective chimney. Companies responding Engines 2 and 5, Hook & Ladder 1, Chemical 1. Loss on building, \$275. Insurance, \$1,500. Loss on contents, \$300. Insurance, \$1,000.

Jan. 1, 6.05 P. M. (Still.) Smoke, caused by rubber in furnace in house corner County and Bedford streets, owned and occupied by Edw. D. Sherman. Responded to by men from Station 4. No loss.

Jan. 2, 1.54 A. M. Box 38. Fire in barn and house, corner of Rivet and Mulberry streets, owned by Jos. Sylvia, and occupied by Jos. Sylvia, Jas. Riley, A. R. Auride, and D. Pierce. Cause, unknown. Companies responding Engines 4 and 6, Hook & Ladder 3, Chemical 1. Loss on buildings, \$985. Insurance, \$3,900. Loss on contents, \$650. Insurance, \$1,250.

Jan. 7, 1.10 A. M. Box 135. Fire in store 215 Coggeshall street, owned by Stanislaus Desautels and occupied by Resender & Mello. Cause, unknown. Companies responding Engines 1 and 8, Hook & Ladder 2, Hose 2, Chemical 1. Loss on building, \$25. Insurance, \$700. Loss on contents, \$50.50. Insurance, \$500.

Jan. 7, 10.32 P. M. Box 9. Fire in store on Acushnet avenue, owned and occupied by Edw. M. Frazier. Caused by rats and matches. Companies responding Engines 1 and 8, Hook & Ladder 2, Hose 2, Chemical 1. Loss on building, \$110. Insurance, \$1,000. Loss on contents \$315. Insurance, \$350.

Jan. 10, 7.45 P. M. (Still.) Fire in house 95 Hawthorn street, owned and occupied by John B. Rhodes. Caused by overheated chimney. Responded to by men from Station 4. Loss on building \$7. Insurance, \$4,500. No loss on contents. Insurance \$4,000.

Jan. 10, 8.30 P. M. (Still.) Chimney fire, 54 Russell street, owned and occupied by Jonathan Howland. Responded to by men from Station No. 4. No loss.

Jan. 12, 8.48 P. M. Box 46. Chimney fire in house 317 South Water street, owned by John W. Frasier and occupied by Mary Perry, Julius De Barge and others. Responded to by Engines 4 and 6, Hook & Ladder 3, Chemical 1. Loss on building, \$43.60. Insurance \$3,000.

Jan. 15, 1.55 A. M. Box 46. Fire in barn on Pine street, owned and occupied by A. W. Holmes. Caused by electric light wire. Companies responding Engines 4 and 6, Hook & Ladder 3, Chemical 1. Loss on building, \$4.58. Insurance, \$500.

Jan. 16, 7 P. M. (Still.) Fire in house owned and occupied by C. F. Cushing. Caused by gas jet setting fire to curtains. Loss on contents, \$11. Insurance, \$3,000.

Jan. 27, 11 A. M. (Still.) Fire in Fairhaven. Owned and occupied by Frederick King. Caused by overheated stove. Responded to by Engine 8.

Feb. 4, 10.30 A. M. (Still.) Fire in store 20 Purchase street, owned by estate of Cyrenus Haskins and occupied by L. E. Shurtleff. Caused by gas jet and benzine. Loss on building, \$28. Insurance, \$1,500. Loss on contents, \$35.54. Insurance, \$6,000.

Feb. 4, 5.15 P. M. (Still.) Fire in house 128 South Second street, owned by estate of Caroline Williams and occupied by Daniel A. McKenzie. Cause, defective chimney. Responded to by Chemical 1. Loss on building, \$46. Insurance, \$2,000.

Feb. 5, 12.38 P. M. Box 52. Fire in house 112 Bonney street, owned by Hanna M. Murray and occupied by H. M. Murray and others. Cause, unknown. Companies responding, Engines 4 and 6, Hook & Ladder 3, Chemical 1. Loss on building, \$942. Insurance, \$2,500. Loss on contents, \$557. Insurance, \$1,500.

Feb. 8, 3 P. M. (Still.) Chimney fire, carriage factory, corner Spring and Fourth streets. Owned by estate of Jos. Brownell and occupied by Brownell & Ashley. Responded to by men from Central Station. No loss.

Feb. 8, 5.30 P. M. (Still.) Fire in house 932 South Water street, owned by Alfred Roy and occupied by Mrs. Sherault. Caused by oil stove. Responded to by men from Station No. 6. No loss.

Feb. 9, 9.15 A. M. (Still.) Fire in house 79 Ash street, owned and occupied by Mrs. Cole. Cause, spark from stove. Responded to by Chemical 1. Loss on contents \$25. No insurance.

Feb. 10, 2.40 P. M. (Still.) Fire in house rear 77 Linden street, owned by Bradford Smith and occupied by Samuel Gifford. Cause, plumbers' furnace under sink. Responded to by men from Station No. 7. No loss.

Feb. 10, 7.05 P. M. (Still.) Chimney fire in house 570 South First street, owned by Mannel Lewis and occupied by John Goodwin and M. Fletcher. Responded to by men from Station No. 6. No loss.

Feb. 12, 11 A. M. (Still.) Fire in store 62 Purchase street, owned and occupied by E. B. Sherman. Caused by overheated furnace pipe. Responded to by Chemical 1. No loss.

Feb. 13, 12 M. (Still.) Smoke from building on Pleasant street, owned and occupied by E. Anthony & Sons, Inc. Responded to by Chemical 1. No loss.

Feb. 13, 4 P. M. (Still.) Water pipe burst in building corner Purchase and William streets, owned and occupied by Merchants Bank. Responded to by Chemical 1.

Feb. 15, 12.43 P. M. Box 48. Fire in house 575 South Water street, owned and occupied by Mary P. Souza. Cause, candle upset. Responded to by Engines 4 and 6, Hook & Ladder 3, Chemical 1. Loss on building, \$57. Insurance, \$2,800. Loss on contents, \$35. No insurance.

Feb. 16, 7.33 P. M. Box 71. Fire in factory rear Prospect street, owned and occupied by Pairpoint Manufacturing Co. Caused by flame from Glory hole. Responded to by Engine 4.

March 1, 8.50 A. M. (Still.) Fire in house west side of Acushnet avenue, north of Belleville road, owned and occupied by Edw. J. Bolan. Caused by child playing with matches. Responded to by men from Station No. 8. No loss.

March 5, 11.15 A. M. (Still.) Fire in barn at South Dartmouth, owned by Horatio Hathaway estate. Caused by lightning. Responded to by Engine No. 4.

March 8, 12.25. (Still.) Fire in house Mt. Pleasant and Durfee streets, owned by S. E. Bryant and occupied by Mrs. Bryant. Cause, spontaneous combustion. Responded to by men from Station No. 7. Loss on building, \$35. Insurance, \$2,500.

March 9, 3.15 P. M. Box 24. Fire in house 110 Cedar street, owned and occupied by H. J. Johnson. Cause, child playing with matches. Responded to by Engines 5 and 7, Hook & Ladder 1, Chemical 1. Loss on building, \$250. Insurance \$800.

March 9, 10.40 A. M. (Still.) Chimney fire in house 332 Pleasant street, owned and occupied by Benj. F. Hubbard. Responded to by men from Station 1. No loss.

March 11, 5.43 A. M. Box 226. Fire in factory corner of Rodman and Front streets, owned and occupied by J. C. Rhodes. Cause, spontaneous combustion. Responded to by Engines 1, 2 and 5, Hook & Ladder 1, Chemical 1. Loss on building, \$846. Insurance, \$10,800. Loss on contents, \$7,987.17. Insurance, \$47,000. Loss on S. E. Paine's building, \$198.12. Insurance, \$1,000. Loss on contents, \$42.35. Insurance, \$1,000.

March 11, 5.51 A. M. Box 226. Second alarm, same fire. Responded to by Engines 4 and 6, Hook & Ladder 3, Hose 2.

March 11, 10.22 P. M. Box 48. Fire in fish house foot of Grinnell street, owned and occupied by Frank Perry. Cause, incendiary. Responded to by Engines 4 and 6, Hook & Ladder 3, Chemical 1. Loss on building, \$368. Insurance, \$400. Loss on contents, 32. Insurance, \$100.

March 12, 4.12 A. M. Box 48. Smoke from previous fire. Responded to by Engines 4 and 6, Hook & Ladder No. 3, Chemical 1.

March 14, 2.55 P. M. Box 58. Fire in house 124 Cove street, owned and occupied by J. W. Cunningham. Cause, explosion of oil stove. Responded to by Engines 4 and 6, Hook & Ladder 3, Chemical 1. No loss.

March 16, 8.43 A. M. Box 48. Fire in bakery 480 South Water street, owned and occupied by S. L. Horwitz. Cause, overheated oven. Responded to by Engines 4 and 6, Hook & Ladder 3, Chemical 1. No loss.

March 16, 9 A. M. (Still.) Fire in house 86 Potomska street, owned by A. E. Perry and occupied by Jule Berube. Cause, oil stove. Responded to by men from Station 6. No loss.

March 16, 9.30 P. M. Box 48. Fire in house and store 579 South Water street, owned by Mrs. Maria P. Souza and occupied by Morris P. Greinstein. Cause, pan of fat on stove. Responded by Engines 4 and 6, Hook & Ladder 3, Chemical 1. Loss on building, \$214.60. Insurance, \$2,800. Loss on contents, \$205.70. Insurance, \$1,000.

March 18, 3.10 P. M. Fire in Garbage factory, Hathaway road, owned and occupied by E. H. Gammons. Cause, spontaneous combustion. Responded to by Engine 7.

March 20, 9.42 A. M. Box 15. Fire in house 223 Smith street, owned and occupied by Wm. Taylor. Cause, overheated stove. Responded to by Engines 5 and 7, Hook & Ladder 1, Hose 2, Chemical 1. Loss on building, \$350. Insurance, \$1,000. Loss on contents, \$337.59. Insurance, \$500.

March 22, 4 P. M. (Still.) Fire in house 8 Fulton court, owned by Wamsutta Mills, and occupied by M. Gregoire. Cause, unknown. Responded to by men from Weld street station. No loss.

March 23, 6.04 A. M. (Still.) Fire in Garbage factory, Hathaway road, owned and occupied by E. H. Gammons. Cause, spontaneous combustion. Responded to by Engine 7. Loss on contents, \$200. No insurance.

March 24, 7.21 P. M. Box 14. Fire in house 410 Purchase street, owned by Milliken estate and occupied by J. Armstrong. Cause, overturned lamp. Responded to by Engines 1 and 5, Hook & Ladder 1, Chemical 1. No loss.



March 25, 1.21 A. M. Box 59. Fire in house at Winterville, Dartmouth, owned by John Braga and unoccupied. Cause, unknown. Responded to by Engine 4 and 6, Hook & Ladder 3, Chemical 1.

March 26, 7.55 A. M. (Still.) Chimney fire, house 1 Smith street, owned and occupied by Jos. De Terra. Responded to by men Station 5. No loss.

March 27. Fire in house 343 South Water street, owned and occupied by Antone J. Perry. Cause, oil stove. Loss on building, \$9.50. Insurance, \$2,000.

March 28, 7.50 P. M. (Still.) Chimney fire in house 332 South Front street, owned by Mrs. Howland and occupied by Jos. De Terra. Responded to by men from Station 6. No loss.

March 29, 3.45 A. M. Box 71. Fire in factory Prospect street, owned and occupied by Pairpoint Manufacturing Co. Cause, lightning. Responded to by Engine 4. No loss.

March 29, 7.15 A. M. (Still.) Fire in factory 8 Elm street, owned by Hill Electric Co. and occupied by Standard Ring Traveller Co. Cause, overheated furnace. Responded to by Chemical 1.

March 30, 1.38 P. M. Box 17. Fire in house 520 Acushnet avenue, owned by Frederick Fuller and occupied by Mrs. Mary Frazier. Cause, child and matches. Responded to by Engines 2 and 4, Hook & Ladder 1, Chemical 1. No loss.

April 1, 1.15 P. M. (Still.) Grass fire 178 Hawthorn street, owned by Dr. Henry M. Knowles. Cause, set by boys. Responded to by men from station No. 4. No loss.

April 2, 3.50 A. M. Box 35. House corner Walnut and Fifth streets, owned by George Castino and occupied by James H. Murkland. Cause, gas jet set fire to window curtains. Responded to by Engines 2 and 4, Hook & Ladder 1, Chemical 1. Loss on building \$47.50. Insurance \$4,500. Loss on contents \$137. Insurance \$2,500.

April 2, 6.50 P. M. Box 48. Fire in house 227 South Front street, owned by Peter Keating and occupied by Martin A. Gomez. Cause, defective chimney. Responded to by Engines 4 and 6, Hook & Ladder 3, Chemical 1. Loss on building \$75. Insurance \$500. Loss on contents \$15. No insurance.

April 6, 8.22 A. M. Box 28. Fire corner Court and Park streets. Cause, kettle of tar. Responded to by Engines 2 and 5, Hook & Ladder 1, Chemical 1. No loss.

April 6, 1.30 P. M. (Still.) Bonfire on Robeson street, near barn of Kennedy Brown, set by boys. Responded to by men from Station No. 7.

April 7, 1.35 A. M. Box 124. Fire in house 1032 Acushnet avenue, owned by J. B. Jean and R. P. E. Vary and occupied by Eugene Lamontagne and others. Cause, lamp exploded. Responded to by En-

gines 1 and 8, Hook & Ladder 2, Hose 2, Chemical 1. Loss on building \$1,200. Insurance \$2,500. Loss on contents \$1,084.55. Insurance \$1,500.

April 7, 11.50 A. M. Box 53. Fire in house 440 Rivet street, owned by John Edmondson and occupied by Mrs. Mary King. Cause, children and matches. Responded to by Engines 4 and 6, Hook & Ladder 3, Chemical 1. No loss.

April 11, 10 P. M. (Still.) Fire in house 56 School street, owned by Augustus Putts and occupied by Charles H. Walker. Cause, lamp exploded. Responded to by Chemical 1.

April 14, 11.30 A. M. Box 48. Chimney fire in house 488 South Water street, owned and occupied by Mrs. Mary Silvia. Responded to by Engines 4 and 6, Ladder 3, Chemical 1. No loss.

April 14, 4.20 P. M. Box 17. Fire in hotel corner Purchase and Maxfield streets. Owned by Fred Andrews and occupied by D. Morris. Cause, escaping gas. Responded to by Engines 1 and 5, Hook and Ladder 1, Chemical 1. No loss.

April 15, 7 A. M. (Still.) Fire in barn at Plainville, owned and occupied by T. J. Ashley. Cause incendiary. Loss on building, \$100. Insurance, \$100.

April 15, 1.30 P. M. Box 3. Fire in shed on Acushnet avenue, owned and occupied by Humphrey H. Swift. Cause children and matches. Responded to by Engines 8 and 9, Hook & Ladder 2, Hose 2. Loss on building, \$29. Insurance, \$100.

April 16, 12.15 P. M. (Still.) Fire in house 66 Bedford street, owned by Elizabeth Spaden and occupied by John D. Lawrence. Cause, back draught. Responded to by men from Station 4. No loss.

April 17, 7.10 P. M. (Still.) Fire in house rear Hastings building, owned by Fred Andrews and occupied by J. F. Sylvia. Cause, rags caught from stove. Responded to by Chemical 1. No loss.

April 18, 12.40 P. M. Box 129. Brush fire south of Hathaway avenue, owned by J. B. Sullivan. Companies responding, Engines 1 and 8, Hook & Ladder 2, Hose 2, Chemical 1. No loss.

April 20, 3.15 P. M. Box 48. Fire in house on Grinnell street, near Water street, owned by Charles E. Cook and occupied by Antone Decosta. Cause, rags on stove. Responded to by Engines 4 and 6, Hook & Ladder 3, Chemical 1. No loss.

April 22, 1.15 P. M. (Still.) Fence fire 61 Merrimac street, owned by Mr. Reed. Cause, hot ashes in barrel. Responded to by men from Station 1. No loss.

April 24, 2.30 P. M. (Still.) Chimney fire in house 68 Elm street, owned by Mrs. Jane Kempton and occupied by Mrs. Willard Hervey. Responded to by Chemical 1. No loss.

April 27, 1.10 P. M. (Still.) Fire in house corner Mill and County



streets, owned and occupied by Charles H. Adams. Cause, hot ashes in barrel. Responded to by men from Station 5. No loss.

April 29, 3 P. M. (Still.) Chimney fire in house 130 Clinton street, owned by Mrs. Edwin Emery and occupied by Alfred S. James. Responded to by men from Station No. 4. No loss.

April 29, 7 P. M. Fire in store corner Acushnet avenue and Cedar Grove street, owned by John H. Lowe and occupied by Elizabeth Dionne. Cause, gas jet. Loss on building, \$25. Insurance, \$4,500. Loss on contents, \$65.88. Insurance, \$2,250.

May 1, 11 P. M. (Still.) Fire in store corner Purchase and William streets, owned and occupied by Haskell & Tripp. Cause, electric light wires. Responded to by Chemical 1. No loss.

May 3, 4 P. M. (Still.) House 455 County street, owned by Mrs. E. L. Hussey and unoccupied. Cause, fire in furnace. Responded to by Chemical 1. No loss.

May 7, 7.32 A. M. Box 46. Fire in house 267 South Second street, owned and occupied by Frank Sylvia Perceira. Cause, candles on altar. Responded to by Engines 4 and 6, Hook & Ladder 3, Chemical 1. Loss on building, \$117.50. Insurance, \$2,000. Loss on contents, \$132.50. Insurance, \$300.

May 8, 5.40 P. M. Box 18. Fire in house corner North street and Acushnet avenue, owned and occupied by Miss Rebecca Wilcox. Cause, oil stove. Responded to by Engines 1 and 2, Hook & Ladder 1, Chemical 1. Loss on building, \$260. Insurance, \$3,500.

May 10, 1.45 P. M. (Still.) Grass fire, foot of Blackmer street. Responded to by men from Station 6. No loss.

May 12, 8.30 P. M. Box 48. Fire in house 30 South street, owned by estate of Henry Holcomb and occupied by Antone Mercer. Cause, lamp exploded. Responded to by Engines 4 and 6, Hook & Ladder 3, Chemical 1. No loss.

May 17, 8.20 A. M. (Still.) Chimney fire in house 662 Purchase street, owned by Mrs. Cummings and occupied by P. Montel. Responded to by Chemical 1. No loss.

May 17, 3.13 P. M. (Still.) Fire in barn 341 Cedar street, owned by J. Flynn & Co., and occupied by Sabins & Co. Loss on building \$50. No insurance.

May 20, 6.47 A. M. Box 48. Fire in house No. 67 Prospect street, owned and occupied by Manuel Frates. Cause, back draught. Responded to by Engines 4 and 6, Hook & Ladder 3, Chemical 1. No loss.

May 21, 11 A. M. (Still.) Fire in house 49 First street, owned by Mrs. Hetty Green and occupied by Mrs. Baptiste. Cause, defective chimney. Responded to by men from Station 4. No loss.

May 22, 2.03 P. M. Box 59. Fire in paint shop 128 Dartmouth street, owned by Smith & Waite and occupied by Eben R. Hathaway. Cause,

unknown. Responded to by Engines 4 and 6, Hook & Ladder 3, Chemical 1. Loss on building, \$144. Insurance, \$350. Loss on contents, \$400. Insurance, \$500.

May 28, 6.20 P. M. (Still.) Fire in dump heap foot of Potomska street. Responded to by men from Station 6. No loss.

May 28, 12.42 P. M. (Still.) Fire in dump heap, Scott street. Responded to by men from station 6. No loss.

May 31, 4 P. M. (Still.) Chimney fire in house 344 Pleasant street, owned by estate James E. Stanton and occupied by Andre Boucher. Responded to by men from Station 1. No loss.

June 1, 6.30 P. M. Box 53. Fire in house 196 Rivet street, owned and occupied by Sylvia Despardine. Cause, curtain caught from lamp. Responded to by Engines 4 and 6, Hook & Ladder 3, Chemical 1. No loss.

June 2, 9.25 P. M. (Still.) Fire in store 55 Delano street, owned by Miss Maggie Conners and occupied by G. B. Caovette. Cause, falling lamp. Responded to by men from Station No. 6. No loss.

June 2, 11.30 P. M. Box 39. False alarm. Responded to by Engines 4 and 6, Hook and Ladder 3, Chemical 1.

June 6, 8.35 A. M. Box 15. Fire in house 212 Smith street. Owned and occupied by Jacob N. Mitchell. Cause unknown. Responded to by Engines 5 and 7, Hook & Ladder 1, Hose 2, Chemical 1. Loss on contents \$213.90. Insurance \$1,000.

June 7, 8.09 P. M. Box 135. Fire in barn rear 9 Cotter street, owned and occupied by Daniel McCarty. Cause unknown. Responded to by Engines 1 and 8, Hook & Ladder 2, Hose 2, Chemical 1. Loss on building, \$200. Insurance, \$200. Loss on contents, \$69.85. Insurance, \$100.

June 11, 4.14 P. M. Box 46. Fire in house 438 South Water street, owned by Manuel Gomes and occupied by Joseph Horwitz. Cause, smoking on lounge. Responded to by Engines 4 and 6, Hook and Ladder 3, Chemical 1. No loss.

June 12, 9.33 A. M. Box 82. Fire in Hathaway Mill, Cove street. Caused by spark in waste. Responded to by Engines 1, 2, 4, 6, 7, Hook & Ladders 1 and 3, Chemical 1. Loss on contents \$539.16. Insurance, blanket policy.

June 13, 1.20 P. M. (Still.) Chimney fire in house 176 Mill street, owned by George W. Parker and occupied by Mrs. Mary J. Clifton. Responded to by men from Station 5. No loss.

June 13, 3.30 P. M. Box 38. Fire in house 25 Bedford street, owned by Miss Lina Ripley and occupied by Arthur C. Sturtevant. Cause, child and matches. Responded to by Engines 4 and 6, Hook and Ladder 3, Chemical 1. No loss.

June 15, 2.30 P. M. (Still.) Fire in dump heap, Scott street. Set by boys. Responded to by men from Station No. 6. No loss.

June 15, 5 P. M. Box 135. Chimney fire in house corner Coggeshall and Howard streets. Owned by Mrs. Mary E. Smith and occupied by S. Lawton. Responded to by Engines 1 and 8, Hook & Ladder 2, Hose 2, Chemical 1. No loss.

June 16, 7.55 A. M. Box 53. Fire in barn 395 Rivet street. Owned and occupied by Adolph Dufrasne. Cause, unknown. Responded to by Engine 4 and 6, Hook & Ladder 3, Chemical 1. Loss on building \$158. Insurance \$300. No loss on contents. Insurance \$300.

June 16, 8 P. M. Box 583. False alarm. Responded to by Engines 4 and 6, Hook & Ladder 3, Chemical 1.

June 21, 9 A. M. Box 46. Fire in house 472 South Water street, owned by Estate Mary J. Monterio and occupied by Max Stewart. Cause, oil stove exploded. Responded to by Engines 4 and 6, Hook and Ladder 3, Chemical 1. Loss on building \$46. Insurance \$2,000. Loss on contents \$72.25. Insurance \$300.

June 22, 10.45 A. M. Box 127. Fire in house 435 Pleasant street, owned by Joseph Lague and occupied by Louis Varaneau. Cause unknown. Responded to by Engines 1 and 7, Hook & Ladder 2, Hose 2, Chemical 1. Loss on building, \$225. Insurance, \$3,500. Loss on contents, \$100. No insurance.

June 23, 10.30 A. M. (Still.) Grass fire foot of Maxfield street, set by boys. Responded to by Chemical 1. No loss.

June 23, 2.15 P. M. (Still.) Grass fire corner Dean and Bowditch streets, owned by Abbott P. Smith. Set by boys. Responded to by men from Station 8. No loss.

June 24, 6.30 P. M. Box 23. Fire in house and barn at Smith Mills, owned and occupied by Benjamin J. Potter. Cause, lightning. Responded to by Engines 5 and 7, Hook and Ladder 1, Chemical 1.

June 30, 4 P. M. (Still.) Fire in house 360 Pleasant street, owned by John Moore and occupied by George Auger. Cause, naphtha stove exploded. Responded to by men from Station 1. Loss on building \$8. Insurance, \$1,000.

July 1, 8.15 A. M. (Still.) Chimney fire in house corner of Acushnet avenue and High streets, owned and occupied by George B. Richmond. Responded to by Chemical 1. No loss.

July 1, 8.55 A. M. (Still.) Fire in house 137 Kempton street, owned by Capt. William Weeks and occupied by J. M. Taber. Cause, chimney. Responded to by Chemical 1. No loss.

July 1, 4.55 P. M. Box 27. Fire in store 40 Purchase street, owned by Benjamin Waite estate and occupied by Cherry & Co. Cause, unknown. Responded to by Engines 2 and 4, Hook & Ladder 1, Chemical 1. Loss on building, \$125. Insurance, \$7,200. Loss on contents, \$1,778.76. Insurance, \$6,100.

July 1, 7.15 P. M. Box 13. Fire in barn on Park street, west of Ce-

dar street, owned and occupied by J. J. Rooney. Cause, unknown. Responded to by Engines 5 and 7, Hook & Ladder 2, Hose 2, Chemical 1. No loss.

July 4, 8.18 A. M. (Still.) Fire in house corner of Hillman and Pleasant streets, owned by Miss Kate Ryan and occupied by John Sweeney. Cause, fireworks. Responded to by men from Station 5. No loss.

July 4, 3.30 P. M. (Still.) Fire in house 101 Rivet street, owned by Daniel Sweeney and occupied by R. P. Woodcock. Cause, fireworks. Responded to by men from Station 6. No loss.

July 4, 8.30 P. M. Box 57. Fire in house 181 County street, owned and occupied by C. J. Noyer. Cause, fireworks. Responded to by Engines 4 and 6, Hook & Ladder 3, Chemical 1. No loss.

July 4, 9.40 P. M. Box 19. Fire in house 245 Pleasant street, owned and occupied by James P. Macomber. Cause, fireworks. Responded to by Engines 1 and 5, Hook & Ladder 1, Chemical 1. No loss.

July 6, 1.15 P. M. Box 46. Fire in house 8 Howland street, owned and occupied by Samuel Mechanero. Cause, spark in rags. Responded to by Engines 4 and 6, Hook & Ladder 3, Chemical 1. No loss.

July 16, 12.07 A. M. Box 24. Fire in store corner Kempton and Emerson streets, owned and occupied by Ike Rosenthal. Cause, lamp. Responded to by Engines 5 and 7, Hook & Ladder 1, Chemical 1. Loss on building, \$125. Insurance, \$150. Loss on contents, \$1,076. Insurance, \$1,200.

July 19, 2.17 P. M. Box 23. Fire in ice house, Rockdale avenue, owned and occupied by Rockdale Ice Co. Cause unknown. Responded to by Engines 5 and 7, Hook & Ladder 1, Chemical 1. Loss on building, \$5,000. Insurance, \$5,000. Loss on contents, \$6,482.25. Insurance, \$8,000.

July 21, 3.30 P. M. (Still.) Fire in store 33 Weld street, owned by Cook & Smith and occupied by C. A. Galligan. Cause, spark in excelsior. Responded to by men from Weld street station. No loss.

July 26, 8.10 P. M. (Still.) Fire in house corner of Water and Cove streets, owned by J. W. Lewis. Cause, naphtha stove exploded. Responded to by men from Station 6. No loss.

July 29, 7.15 A. M. (Still.) Chimney fire in house No. 8 Thompson street, owned and occupied by John Edmondson. Responded to by men from Station 6. Loss on building, \$7.86. Insurance, \$500.

Aug. 5, 4.50 P. M. (Still.) Chimney fire 25 No. Water street, owned by Mr. MacIntire and occupied by Kilburn & Slocum. Responded to by Chemical 1. No loss.

Aug. 9, 7.05 P. M. Box 56. Fire in house 883 So. Water street, owned by Robert Shannock and occupied by Bella T. Gray. Cause, drapery. Responded to by Engines 4 and 6, Hook & Ladder 3, Chemi-



cal 1. No loss on building. Insurance, \$2,000. Loss on contents, \$200. Insurance, \$2,000.

Aug. 9, 10.45 A. M. Box 48. Fire in house 95 Prospect street, owned by estate Laura Spinner and occupied by Antone S. Mederos. Cause, boys and matches. Responded to by Chemical 1. Loss on building, \$75. Insurance, \$700.

Aug. 10, 12 M. (Still.) Chimney fire 336 So. Orchard street, owned by Thomas M. Hart estate and occupied by Levi Ricketson. Responded to by men from Station 6. No loss.

Aug. 11, 8.30 A. M. (Still.) Smoke in attic in house Morgan Terrace, owned by R. H. Morgan and occupied by Mrs. Clement D. Nye. Responded to by men from Station 4.

Aug. 13, 10.05 A. M. Box 57. Chimney fire in house 696 South First street, owned by John Gorman and occupied by Frank Spaulding. Responded to by Engines 4 and 6, Hook & Ladder 3, Chemical 1. No loss.

Aug. 15, 6.45 P. M. Box 48. Fire in house 500 South Water street, owned by Henry Queen and occupied by Mark Iraoll. Cause, pan of fat on fire. Responded to by Engines 4 and 6, Hook & Ladder 3, Chemical 1.

Aug. 17, 12.03 A. M. Box 3. Fire in barn on Central avenue, owned and occupied by Edward J. Bolan. Cause, incendiary. Responded to by Engines 8 and 9, Hook & Ladder 2, Hose 2. No loss.

Aug. 21, 10.30 A. M. (Still.) Fire in house 389 Acushnet avenue, owned by Dennis estate and occupied by Miss Gardner. Responded to by Chemical 1. Loss on contents, \$15. Insurance, \$1,000.

Aug. 25, 1.31 P. M. Box 223. Fire in house 19 Liberty street, owned by William Ferguson and occupied by I. F. Chimmock. Cause, oil stove. Responded to by Engines 5 and 7, Hook & Ladder 1, Chemical 1. No loss.

Sept. 1, 6. 50 P. M. (Still.) Fire in house 80 Purchase street, owned by H. Cook estate and occupied by E. McLeod. Cause, lamp. Responded to by Chemical 1. No loss.

Sept. 7, 5.42 P. M. Box 583. Fire in wood lot, Valentine street, owned by John Edmondson, Cause, unknown. Responded to by Engines 4 and 6, Hook & Ladder 3, Chemical 1. No loss.

Sept. 10, 6.32 P. M. (Still.) Smoke in building corner Acushnet avenue and William street, owned by Benjamin Waite estate. Cause, Rochester lamp smoking. Responded to by Chemical 1. No loss.

Sept. 12, 2.55 P. M. Box 56. Fire in house 166 Blackmer street, owned by Samuel E. Bentley and occupied by Martin Graham and others. Cause, children and matches. Responded to by Engines 4 and 6, Hook & Ladder 3, Chemical 1. Loss on building, \$196.50. Insurance, \$1,000. Loss on contents, \$40. No insurance.

Sept. 15, 5.15 A. M. Box 6. Fire in house owned by Wamsutta Mills and occupied by ———. Cause, naphtha stove. Responded to by En-

gines 1 and 7, Hook & Ladder 2, Hose 2, Chemical 1. Loss on building \$32.32. Insurance, \$2,500.

Sept. 16, 4.45 P. M. Box 57. Fire in house 14 Winsor street, owned and occupied by Annie Carlo. Cause, children and matches. Responded to by Engines 4 and 6, Hook & Ladder 3, Chemical 1. No loss.

Sept. 17, 1.35 A. M. Fire in building 275 Purchase street, owned by Fred Andrews and occupied by Harris Warner. Cause, unknown. Responded to by Engines 1 and 5, Hook & Ladder 2, Hose 2, Chemical 1. Loss on contents, \$105.60. Insurance, \$250.

Sept. 18, 6.30 P. M. Box 17. Chimney fire in house 26 Hillman street, owned by M. Damon and occupied by Oliver Barb. Responded to by Engines 1 and 5, Hook & Ladder 1, Chemical 1. No loss.

Sept. 19, 9.24 A. M. (Still.) Gas main caught fire on Sycamore street. Responded to by Engine 5.

Sept. 24, 3.40 P. M. (Still.) Smoke in house 64 Russell street, owned and occupied by Mrs. Josiah Holmes. Caused by furnace. Responded to by men from Station 4. No loss.

Sept. 25, 5.09 P. M. (Still.) Chimney fire in house 252 Hillman street, owned and occupied by Thos. Magee. Responded to by men from Station No. 5.

Oct. 1, 9.55 A. M. (Still.) Chimney fire in house 115 Hillman street, owned and occupied by Geo. Priestly. Responded to by men from Station 5. No loss.

Oct. 11, 9.40 P. M. Box 19. Fire in house corner Sycamore and Walden streets, owned and occupied by Henry Howard, Jr. Cause, lamp exploded. Responded to by Engines 1 and 5, Hook & Ladder 1, Chemical 1. Loss on building, \$60. Insurance, \$1,500. Loss on contents \$7. Insurance, \$700.

Oct. 12, 8.10 P. M. Box 13. Fire in house corner of Parker and Richmond streets, owned and occupied by Margaret Barrett. Cause, lamp exploded. Responded to by Engines 5 and 7,  $\frac{1}{2}$  Hook & Ladder 2, Hose 2, Chemical 1. No loss.

Oct. 15, 4.55 P. M. Box 126. Fire in house 3 Howard street, owned and occupied by Henry Chausse. Cause, smoking in bed. Responded to by Engines 1 and 8, Hook & Ladder 2, Hose 2, Chemical 1. No loss.

Oct. 16, 3.39 P. M. Box 24. Fire in yard Ash and Kempton streets, owned by John Bertram. Cause, tar caught from fire. Responded to by Engines 5 and 7, Hook & Ladder 1, Chemical 1. No loss.

Oct. 17, 6.45 P. M. (Still.) Brush fire west of St. Luke's Hospital. Cause, unknown. Responded to by men from Station No. 4. No loss.

Oct. 27, 1.08 A. M. Box 42. Fire in house 185 Allen street, owned by Antone L. Sylvia and unoccupied. Cause, unknown. Responded to by Engines 4 and 5, Hook & Ladder 3, Chemical 1. Loss on building, \$195. Insurance, \$1,000.



Nov. 7, 5.05 P. M. (Still.) Fire in lot corner Sears and Fair streets, owned by Sylvia Ann Howland estate. Cause, set by children. Responded to by men from Station No. 4. No loss.

Nov. 13, 5.55 P. M. (Still.) Fire in store 571 Purchase street, owned by Kate Galligan and occupied by Paul Ratner. Cause, lamp dropped. Responded to by men from Station 1. No loss.

Nov. 13, 12.57 P. M. (Still.) Chimney fire in house 81 Cottage street, owned by Thomas M. Stetson and occupied by Eliot D. Stetson. Responded to by men from Station 4. No loss.

Nov. 16, 9.40 P. M. Box 46. Fire in foundry building corner Coffin and Water streets, owned by Jonathan Bourne estate and occupied by Besse & Padleford. Cause, spark from forge. Responded to by Engines 4 and 6, Hook & Ladder 3, Chemical 1. Loss on building \$213. Insurance \$7,500. Loss on contents \$207.52. Insurance \$4,000.

Nov. 18, 5.10 A. M. Box 27. Fire in Music Hall building, 112 William street, owned by Cummings estate and occupied by E. E. Chadwick, C. H. Fowler and others. Cause, cigar in cuspador. Responded to by Engines 2 and 4, Hook & Ladder 1, Chemical 1. Loss on building \$783. Insurance, \$4,000. E. E. Chadwick's loss, \$150. Insurance \$1,000.

Nov. 22, 2.30 P. M. (Still.) Brush fire in lot corner Brock avenue and Lucas street, owned by Homer Bros. Responded to by men from Station 6. No loss.

Nov. 23, 9.30 A. M. (Still.) Chimney fire 401 County street, owned and occupied by Mrs. Oliver Prescott. Responded to by men from Station 4. No loss.

Nov. 24, 8.32 A. M. (Still.) Chimney fire in house 136 Willis street, owned by Mrs. Ruth S. Sherman and occupied by Edward T. Sherman. Responded to by men from Station 5. No loss.

Dec. 2, 9.30 P. M. (Still.) Fire in house rear 615 Purchase street, owned by estate of Mrs. Thompson and occupied by Mrs. O'Brien. Cause, defective chimney. Responded to by men from Station 1. No loss.

Dec. 6, 10.20 P. M. (Still.) Fire in lunch cart on Acushnet avenue, owned by Peter Brault. Cause, oil stove. Responded to by men from Weld street station. No loss.

Dec. 7, 11.30 P. M. (Still.) Fire in blacksmith's shop on Mechanics lane, owned and occupied by J. Luce. Cause, sparks from forge. Responded to by Chemical 1. No loss.

Dec. 8, 7.44 P. M. Box 14. Fire in dwelling and store 342 Purchase street, owned and occupied by J. W. Clifton. Cause, lamp set fire to ceiling. Responded to by Engines 1 and 5, Hook & Ladder 1, Chemical 1. Loss on building, \$64.75. Insurance, \$800. Loss on contents, \$15. Insurance, \$500.

Dec. 8, 8.12 P. M. Box 14. Same fire. Responded to by Engines 1 and 5, Hook & Ladder 1, Chemical 1.

Dec. 9, 12.45 P. M. (Still.) Same fire. Responded to by Chemical 1.

Dec. 8, 7.45 P. M. (Still.) Brush fire, Lucas street, near West French avenue. Responded to by men from Station 6. No loss.

Dec. 9, 10.15 P. M. Box 53. Fire in house 159 Bonney street, owned by Margaret De Mello and occupied by W. C. DeMello, Thomas Browning and John Moran. Cause, spark from chimney. Responded to by Engines 4 and 6, Hook & Ladder 3, Chemical 1. Loss on building \$555. Insurance, \$3,000. Loss on contents, \$371.70. Insurance, \$2,300.

Dec. 9, 2.15, P. M. (Still.) Chimney fire in house 337 So. Orchard street, owned and occupied by Mrs. Charlotte L. Barstow. Responded to by men from Station 4. No loss.

Dec. 11, 6.40 P. M. (Still.) Fire in building 403 Cedar street, owned by Laura Ningo and occupied by Harry Nichols. Cause, lamp fell from ceiling. Responded to by men from Station 7. No loss.

Dec. 12, 9 A. M. (Still.) Fire in woods on Page street, owned by Thomas M. Stetson. Responded to by Chemical 1. No loss.

Dec. 15, 9.20 P. M. (Still.) Chimney fire 2 Anthony street, owned by Charles H. L. Delano and occupied by James Delano. Responded to by men from Station 4. No loss.

Dec. 18, 5.55 P. M. (Still.) Fire in house 131 Smith street, owned and occupied by Fred A. Damon. Cause, lamp set fire to ceiling. Responded to by men from Station 5. Loss on building, \$2.95. Insurance, \$500.

Dec. 23, 12.50 P. M. Box 68. Fire at New Bedford Copper Works, No. Front street. Caused by sparks from chimney. Responded to by Engines 1, 7 and 8, Hook & Ladder 2, Hose 2, Chemical 1. Loss on building, \$1,100. Insurance, \$7,000.

Dec. 24, 12.40 A. M. (Still.) Fire in house on Acushnet avenue, owned by Robert Wolfenden and occupied by Mr. St. Jaques. Cause, oil stove. Responded to by Hose 2. No loss.

Dec. 24, 12.50 P. M. (Still.) Chimney fire 262 Pleasant street, owned by Mr. Collins and occupied by Barney McManus. Responded to by men from Station 1. No loss.

Dec. 30, 4.05 P. M. (Still.) Fire in house 26 County street, owned by Mrs. Springer and occupied by Albert Wunshel. Cause, thawing out water pipes. Responded to by men from Station 4. No loss.

Following is the amount of losses by fire in this city for the past twenty-three years, together with amount of insurance on same:

Years.	Loss.	Insurance.
1877	\$26,063.66	\$21,528.36
1878	28,154.46	66,025.00
1879	9,163.16	54,950.00
1880	7,609.13	49,450.00
1881	26,624.96	86,979.00
1882	23,169.64	692,950.00
1883	17,398.14	77,450.00
1884	134,729.82	310,950.00
1885	6,982.41	148,025.00
1886	23,786.03	1,108,800.00
1887	45,141.50	708,150.00
1888	32,881.87	125,927.00
1889	42,285.71	182,772.00
1890	18,145.02	71,300.00
1891	43,032.65	297,488.13
1892	73,947.46	271,710.00
1893	94,516.21	231,375.00
1894	28,481.98	186,850.00
1895	55,607.61	209,233.33
1896	78,909.83	705,800.00
1897	63,638.76	973,581.34
1898	47,419.29	177,367.46
1899	40,718.40	219,575.00

## Fire Alarm Telegraph, 1899.

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SUPERINTENDENT,

FREDERICK MACY, Chief Engineer.

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ASSISTANT SUPERINTENDENT,

DANIEL D. BRIGGS,

Residence, 43 Bedford street. Office, City Hall.

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### LOCATION OF SIGNAL BOXES.

No.

3. Lund's Corner.
4. Acushnet Heights, near reservoir.
116. Hillman and Ash streets.
123. Acushnet avenue and Davis streets.
124. Acushnet avenue and Sawyer streets.
125. Corner Bowditch and Weld streets.
126. Cedar Grove and North Front streets.
127. Purchase and Linden streets.
128. County and Penniman streets.
129. Purchase street and Coffin avenue.
134. Belleville avenue and Nye streets.
135. Belleville avenue and Coggeshall street.
5. Linden and Ashland streets.
6. Hazard and State streets.
7. Purchase and Franklin streets.
8. County and Pearl streets.
9. Wamsutta street and Acushnet avenue.
12. Shawmut avenue and Durfee street.
13. Cedar and Locust streets.
14. Purchase and Willis streets.

15. Smith and Cedar streets.
16. County and Hillman streets.
17. Maxfield street and Acushnet avenue.
18. Purchase and North streets.
19. State and Sycamore streets.
21. North and Water streets.
23. Kempton, west of Florence street.
24. Kempton and Cedar streets.
25. County and Kempton streets.
26. Water and Middle streets.
27. Purchase street and Mechanics lane.
28. Court and Cedar streets.
29. Arnold and Ash streets.
31. Acushnet avenue and Union street.
32. Union and Eighth streets.
34. Union and Water streets.
35. Fourth and School streets.
36. Walnut and Water streets.
37. Madison and Orchard streets.
38. Bedford and Sixth streets.
39. Acushnet avenue and Cannon street.
41. Hawthorn and Page streets.
42. Allen and Page streets.
43. Walnut and Seventh streets.
45. Allen and Bonney streets.
46. South Water and Leonard streets.
47. Junction of Sixth and County streets.
48. Water and South streets.
51. Dartmouth and Rockland streets.
52. Fourth street, head of Potomska.
53. Crapo and Rivet streets.
56. South Water and Rivet streets.
57. Mosher and County streets.
58. South Water and Cove streets.
223. Court and Tremont streets.
224. Kempton and Reed streets.
226. Rodman and Front streets.
227. New Bedford and Fairhaven Bridge.
- \*61. Union Street Railway Car Stables.
- \*62. Grinnell Mills.
- \*63. Wamsutta Mills.
- \*64. New Bedford Manufacturing Company.
- \*65. Hathaway, Soule & Harrington.
- \*67. New Bedford Cordage Factory.

- \*68. New Bedford Copper Works.
- \*71. Pairpoint Manufacturing Co.
- \*72. George Delano's Sons & Co.'s Works.
- \*73. Potomska Mills.
- \*74. Acushnet Mills.
- \*75. Morse Twist Drill Co.
- \*76. City Manufacturing Co.
- \*78. Dartmouth Mills.
- \*81. Howland Mills.
- \*82. Hathaway Mills.
- \*83. Rotch Mills.
- \*84. Iron Foundry, foot of Cannon street.
- \*85. New Bedford Gas Works.
- \*86. Old Colony Steamboat Co.
- \*91. Bennett Mills.
- \*92. New Bedford Casket Co.
- \*93. Pierce Mills.
- \*93. Pierce Mills.
- \*94. Old Colony Freight Depot, Pearl street.
- \*95. Bristol Mills.
- \*96. Columbia Mills.
- \*97. Whitman Mills.
- 581. City Almshouse.
- 583. Brock avenue, near Butler street.

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\*Private boxes.



## Location of Reservoirs.

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Durfee street, southeast corner of Shawmut avenue.

Linden street, northeast corner of Ashland.

Franklin street, southwest corner of State.

Willis street, northeast corner of State.

Campbell street, west side of Purchase.

Smith street, southeast corner of Cottage.

Pleasant street, between Maxfield and Sycamore.

County street, southeast corner of Maxfield.

Pleasant street, southwest corner of North.

Chestnut street, between Mill and North.

Middle street, near southeast corner of Purchase.

Middle street, west of grammar school.

County street, front of M. E. church.

North Second street, northwest corner of William.

City Hall square, west of hall.

Court street, near head of Orchard.

School street, northwest corner of Fourth.

South Second street, northwest corner of Walnut.

South Sixth street, northwest corner Walnut.

Orchard street, east side, below Hawthorn.

Russell street, between County and Sixth.

Acushnet avenue, southeast corner of Cannon.

Bedford street, southeast corner of Fifth.

South Sixth street, southwest corner of Wing.

Acushnet avenue, southeast corner of Grinnell.

Washington street, northeast corner of Crapo.

## LOCATION OF HYDRANTS.

Abbott street, northwest corner Ruth avenue . . . . .	
Acushnet av, west side, north of Tarkiln Hill road, 3743.2 feet.	
Acushnet av, west side, north of Tarkiln Hill road, 2986.7 feet.	
Acushnet av, west side, north of Tarkiln Hill road 2392.7 feet.	
Acushnet ave, west side north of Tarkiln Hill road 1783.3 feet.	
Acushnet av, west side, north of Tarkiln Hill road 1195.3 feet.	
Acushnet av, west side, north of Tarkiln Hill road 542 feet .	
Acushnet av, southwest corner Tarkiln Hill road . . . . .	
Acushnet av, west side, south of Tarkiln Hill road 500 feet .	
Acushnet av, west side, south of Tarkiln Hill road 997 feet .	
Acushnet av, west side, north of Howard avenue 600 feet . .	
Acushnet av, west side, north of Howard avenue 6 feet . . .	
Acushnet av, west side, south of Howard avenue 601 feet . .	
Acushnet av, west side, north of Shaw 610 feet . . . . .	
Acushnet av, northwest corner of Shaw . . . . .	
Acushnet av, west side, north of Belleville road 603.5 feet. . .	
Acushnet av, west side, head of Belleville road . . . . .	
Acushnet av, northwest corner of Nash road . . . . .	
Acushnet av, northwest corner Hathaway avenue . . . . .	
Acushnet av, northwest corner of Davis . . . . .	
Acushnet av, southwest corner of Phillips avenue . . . . .	
Acushnet av, southwest corner of Dean. . . . .	
Acushnet av, west side north of Sawyer 574.5 feet . . . . .	
Acushnet av, southwest corner of Coggeshall . . . . .	
Acushnet av, southwest corner of Cedar Grove . . . . .	
Acushnet av, west side south of Logan 335 feet . . . . .	
Acushnet av, west side, north of Wamsutta 514 feet. Double .	
Acushnet av, west side, north of Wamsutta 372 feet . . . . .	
Acushnet av, west side, south of Wamsutta 255 feet. Flush .	
Acushnet av, west side, at end of Wall street . . . . .	
Acushnet av, southeast corner of Pope. Flush . . . . .	
Acushnet av, northwest corner of Willis. Flush . . . . .	
Acushnet av, west side, south of Campbell 179 feet. Flush .	
Acushnet av, northwest corner of Maxfield. Flush . . . . .	
Acushnet av, northwest corner of Kempton. Flush . . . . .	
Acushnet av, northeast corner of Elm. Flush . . . . .	
Acushnet av, northwest corner of William . . . . .	
Acushnet av, northwest corner of School . . . . .	
Acushnet av, northwest corner of Madison . . . . .	

Acushnet av, northwest corner of Russell . . . . .	
Acushnet av, northwest corner of Bedford . . . . .	
Acushnet av, west side, opposite Howland. Flush . . . . .	
Acushnet av, northwest corner of Potomska . . . . .	
Acushnet av, west side, north of Rivet 98 feet . . . . .	
Acushnet av, southwest corner of Blackmer. Flush . . . . .	
Adams street, south side, west of County 538.3 feet . . . . .	
Allen street, south side, west of Rural 445 feet . . . . .	
Allen street, southeast corner of Devoll . . . . .	
Allen street, southwest corner of Page . . . . .	
Allen street, north side, east of Page 159 feet. Flush . . . . .	
Allen street, northwest corner of Ward. Flush . . . . .	
Arch street, southwest corner of Union. Flush . . . . .	
Armour street, southwest corner of Union . . . . .	
Arnold place, west side, south of Rotch court 38.3 feet . . . . .	
Arnold street, south side, west of Orchard 96 feet . . . . .	
Arnold street, southwest corner of Chancery. Flush . . . . .	
Arnold street, southeast corner of Atlantic. Flush . . . . .	
Arnold street, south side, west of James 15.3 feet . . . . .	
Ash street, northwest corner of Middle . . . . .	
Ash street, southwest corner of Morgan. Double . . . . .	
Ash street, northwest corner of Arnold. Flush . . . . .	
Ash street, northwest corner of Maple. Flush . . . . .	
Ash street, northwest corner of Bedford . . . . .	
Ashland street, southwest corner of Clark . . . . .	
Ashley street, west side, south of Cove (west) 222.2 feet . . . . .	
Atlantic street, northwest corner of Maple . . . . .	
Atlantic street, southwest corner of Union . . . . .	
Austin street, southwest corner of Purchase . . . . .	
Austin street, southeast corner of State . . . . .	
Austin street, southwest corner of Ashland . . . . .	
Austin street, southeast corner of Cedar . . . . .	
Austin street, south side, on west line of Wilson . . . . .	
Austin street, southeast corner of Shawmut avenue . . . . .	
Babbitt street, south side, west of Dartmouth 207.5 feet . . . . .	
Babbitt street, southeast corner of Field . . . . .	
Bedford street, southwest corner of Fourth . . . . .	
Bedford street, southwest corner of Fifth . . . . .	
Bedford street, southwest corner of County . . . . .	
Bedford street, southwest corner of Orchard . . . . .	
Beech street, northwest corner of Kempton . . . . .	
Beetle street, southwest corner of Howard. . . . .	
Beetle street, southeast corner of Front . . . . .	
Belleville avenue, southwest corner of Washburn . . . . .	

Belleville avenue, west side, north of Washburn	118 feet . . .
Belleville avenue, northwest corner of Cedar Grove	. . . .
Belleville avenue, west side, north of Coggeshall	134 feet . .
Belleville avenue, northwest corner of Beetle	. . . . .
Belleville avenue, southwest corner of Plummer avenue	. . .
Belleville road, southwest corner of Diman	. . . . .
Belleville road, south side, east of Acushnet avenue	1344 feet .
Blackmer street, south side, east of Front	284 feet . . . .
Blackmer street, south side, east of Front	575 feet. . . . .
Blackmer street, south side, east of Front	738 feet . . . . .
Blackmer street, south side, east of Front	904 feet . . . . .
Bolton road, west side, north of Rivet	370 feet . . . . .
Bolton road, west side, north of Rotch Mill No. 2	. . . . .
Bolton road, west side, south of Rotch Mill No. 2	. . . . .
Bolton road, west side, south of Rivet	1027 feet . . . . .
Bolton road, northwest corner of Poplar road	. . . . .
Bonney street, southwest corner of Allen	. . . . .
Bonney street, northwest corner of Grinnell	. . . . .
Bonney street, northwest corner of Rockland	. . . . .
Bonney street, southwest corner of Thompson	. . . . .
Borden street, northwest corner of Bedford	. . . . .
Borden street, southwest corner of Bay	. . . . .
Bowditch street, southwest corner of Weld	. . . . .
Bowditch street, west side, south of Cedar Grove	313 feet . .
Bowditch street, west side, north of Cedar Grove	244 feet . .
Bowditch street, northwest corner of Coggeshall	. . . . .
Bowditch street, southwest corner of Dean	. . . . .
Bowditch street, southwest corner of Coffin avenue	. . . . .
Bowditch street, west side, north of Coffin avenue	358 feet . .
Bowditch street, southwest corner of Davis	. . . . .
Bowditch street, west side, north of Davis	175 feet . . . .
Bridge avenue, north side, east from west line of Popes Island Manufacturing Co. building	483.4 feet. Flush . . . . .
Bridge avenue, north side, east from west line of Popes Island Manufacturing Co. building	215.7 feet. Flush . . . . .
Bridge avenue, south side, west from west line of Popes Island Manufacturing Co. building.	24.6 feet. Flush . . . . .
Bridge avenue, north side, west of draw	44 feet. Flush . .
Bridge avenue, south side, west of draw	11 feet. Flush . . .
Brock avenue, southwest corner of David	. . . . .
Brock avenue, southwest corner of Woodlawn avenue	. . . .
Brock avenue, southwest corner of Willard	. . . . .
Brock avenue, southwest corner, first street south of Norman	. . . . .
Brock avenue, west side, south of Butler	1063 feet . . . . .

Brock avenue, west side, south of Butler	2538.1 feet . . . . .
Brownell street west side, south of Union	387 feet . . . . .
Bullard street, southwest corner of Belleville avenue	. . . . .
Bullard street, southeast corner of Front	. . . . .
Bullard street, southeast corner of Bowditch	. . . . .
Bullock street, southwest corner of Trinity	. . . . .
Butler street, south side, east from Brock av.	1635 feet. Flush .
Butler street, south side, east of Brock avenue	287 feet. Flush.
Campbell street, southwest corner of Purchase	. . . . .
Campbell street south side, east of County	163 feet. Flush .
Campbell street, south side, west of County	216.5 feet . . .
Campbell street, southwest corner of Cottage	. . . . .
Campbell street, south side, east of Shawmut av.	205 feet. Flush
Cannon street, south side, east of Second	164 feet . . . . .
Cedar street, northwest corner of Elm	. . . . .
Cedar street, southwest corner of Kempton.	Flush . . . . .
Cedar street, west side. north of Mill	75 feet. Flush . . . . .
Cedar street, southwest corner of Hillman.	Flush . . . . .
Cedar street, northwest corner of Sycamore.	Flush . . . . .
Cedar street, southwest corner of Campbell.	Flush . . . . .
Cedar street, southwest corner of Parker.	Flush . . . . .
Cedar Grove street, southeast corner of Front	. . . . .
Cedar Grove street, southeast corner of Howard.	. . . . .
Cedar Grove street, south side, west of Bowditch	383 feet . .
Cedar Grove street, northwest corner of Purchase	. . . . .
Cedar Grove street, southwest corner of County	. . . . .
Cedar Grove street, south side, west of County	183.5 feet . .
Centre street, south side, east of Water	85 feet. Flush . . .
Chancery street, southwest corner of Maple	. . . . .
Chancery street, west side, north of Arnold	406 feet . . . . .
Chancery street, southwest corner of Elm	. . . . .
Chancery street, west side, south of Parker	176 feet . . . . .
Chancery street, west side, north of Parker	650 feet . . . . .
Cherry street, southeast corner of Seventh.	Flush . . . . .
Chestnut street, southwest corner of North.	Flush . . . . .
Chestnut street, west side, north of Campbell	96 feet. Flush .
Chestnut street, southwest corner of Merrimac	. . . . .
Church street, southwest corner of Hathaway avenue	. . . . .
Church street, west side, north of Coffin avenue	591.4 feet . .
Clark street, southwest corner of State	. . . . .
Clark street, south side, west of County	218 feet . . . . .
Clay street, northwest corner of Columbia	. . . . .
Cleveland avenue, west side, south of Cove	681 feet . . . . .
Clinton street, south side, west of County	224.6 feet . . . . .



Clinton street, south side, west of Ash	242.5 feet
Coffin avenue, southwest corner of Church	
Coffin avenue, south side, opposite Oneko lane	
Coffin avenue, southeast corner of Front	
Coffin avenue, southwest corner of Belleville avenue	
Coffin avenue, northwest corner of Riverside avenue	
Coffin avenue, south side, east of Riverside avenue	227 feet
Coffin avenue, north side, east of Riverside avenue	414 feet
Coffin street, southwest corner of Water	
Coffin street, north side, east of Water	262 feet
Coggeshall street, south side, east of Mitchell	654 feet
Coggeshall street, south side, east of Mitchell	498 feet
Coggeshall street, south side, east of Mitchell	334 feet
Coggeshall street, north side, east of Mitchell	148 feet
Coggeshall street, southeast corner of Belleville avenue	
Coggeshall street, southwest corner of Front	
Coggeshall street, southwest corner of Purchase	
Coggeshall street, southeast corner of County	
Coggeshall street, south side, west of County	384 feet
Collette street, south side, east of Acushnet avenue	275 feet
Collins street, southeast corner of Glover	
Columbia street, southwest corner of Allen	
Commercial street, north side, east of Front	82 feet
Cottage road, south side, west of Bolton road	435 feet
Cottage street, southwest corner of Bay	
Cottage street, northwest corner of Allen. Flush	
Cottage street, northwest corner of Bedford. Flush	
Cottage street, southwest corner of Arnold	
Cottage street, southwest corner of Union	
Cottage street, southwest corner of Court	
Cottage street, southwest corner of Kempton	
Cottage street, southwest corner of Mill	
Cottage street, southwest corner of North	
Cottage street, southwest corner of Hillman	
Cottage street, northwest corner of Sycamore	
Cottage street, northwest corner of Parker	
Cottage street, west side, north of Locust	237 feet
Cottage street, west side, south of Austin	92 feet
Cottage street, southwest corner of Durfee	
County street, southwest corner of Sawyer	
County street, southeast corner of Penniman	
County street, west side, south of Clark	234.5 feet
County street, west side, south of Weld	115 feet
County street, southwest corner of Austin	



County street, west side, head of School . . . . .	
County street, southwest corner of Madison . . . . .	
County street, southwest corner of Hawthorn . . . . .	
County street, northwest corner of Allen . . . . .	
County street, southwest corner of Grinnell . . . . .	
County street, northwest corner of South . . . . .	
County street, northwest corner of Winsor . . . . .	
County street, west side, north of Division 71 feet . . . . .	
County street, northwest corner of Cove road . . . . .	
Court street, southwest corner of Orchard . . . . .	
Court street, southeast corner of Cedar . . . . .	
Court street, northeast corner of Ash . . . . .	
Court street, southwest corner of Emerson . . . . .	
Court street, south side, west from Park 304 feet. Flush . . .	
Court street, south side, head of Jenney . . . . .	
Court street, south side, east of Reed 300 feet . . . . .	
Cove road, southwest corner of West French avenue . . . . .	
Cove road, southwest corner of Shore street . . . . .	
Cove road, north side, west of County 365 feet . . . . .	
Cove street, southwest corner of Cleveland avenue . . . . .	
Cove street, southwest corner of Harrison avenue . . . . .	
Cove street, southwest corner of Salisbury . . . . .	
Cove street, southwest corner of Viall . . . . .	
Cove street, southwest corner of McGurk . . . . .	
Cove street, southwest corner of West French avenue . . . . .	
Cove street, southeast corner of Stapleton . . . . .	
Cove street, southeast corner of County . . . . .	
Crapo street, west side, south of Washington 343 feet. Flush .	
Crapo street, west side, south of Rockland 225 feet. Flush .	
Crapo street, west side, south of Thompson 160 feet . . . . .	
Dartmouth street, east side, southwest of Orchard 110 feet . .	
Dartmouth street, east side, south of Hickory 125 feet . . . .	
Dartmouth street, east side, south of Rockland 260 feet . . .	
Dartmouth street, east side, south of Thompson 99 feet . . .	
Dartmouth street, southeast corner of Larch . . . . .	
Dartmouth street, northeast corner of Dunbar . . . . .	
Davis street, southwest corner of Riverside avenue . . . . .	
Davis street, south side, east of Front 321.8 feet . . . . .	
Davis street, southwest corner of Front . . . . .	
Dean street, southwest corner of Belleville avenue . . . . .	
Dean street, southeast corner of Front . . . . .	
Delano street, southwest corner of Water . . . . .	
Delano street, southeast corner of Acushnet avenue . . . . .	
Division street, southeast corner of Second . . . . .	

Division street, south side, west of County	527 feet
Division street, south side, east of Crapo	6 feet
Dudley street, south side, east of West French avenue	122 feet.
Dudley street, south side, west of Brock avenue	607 feet
Dunbar street, southwest corner of Hemlock	
Durfee street, southwest corner of Cedar	
Durfee street, southwest corner of Bullock	
Durfee street, southwest corner of Shawmut avenue	
Durfee street, south side, west of Shawmut avenue	186.6 feet
Earle street, south side, west of Belleville avenue	135 feet.
Earle street, south side, east of Acushnet avenue	274.2 feet
East French avenue, west side, south of Cove	807.2 feet
East French avenue, northwest corner of Abbott	
Edwards street, south side, east of Field	90 feet
Elm street, southwest corner of Purchase	
Elm street, southwest corner of Pleasant	
Elm street, southwest corner of Eighth	
Elm street, southwest corner of Summer.	Flush
Elm street, south side, west of Florence	43.5 feet
Elm street, southeast corner of Palmer	
Emerson street, west side, north of Arnold	173.8 feet
Field street, northwest corner of Stowell	
Fifth street, southwest corner of Union	
Fifth street, southwest corner of School	
Fifth street, west side, south of Madison	245 feet. Flush
Fifth street, northwest corner of Wing	
Fifth street, northwest corner of Grinnell.	Flush
First street, southwest corner of Spring.	Flush
First street, west side, south of School	109 feet. Flush
First street, west side, south of Howland	185 feet. Flush
First street, northwest corner of Potomska	
Florence street, southwest corner of Hillman	
Florence street, northwest corner of Mill	
Florence street, west side, south of Kempton	199.6 feet
Florence street, southwest corner of Morgan	
Forest street, south side, west of County	90 feet. Flush
Foster street, southwest corner of High	
Fourth street, southwest corner of Union.	Flush
Fourth street, west side, north of School	106 feet. Flush
Fourth street, west side, south of Madison	210 feet. Flush
Fourth street, east side, opposite Washington	
Fourth street, northwest corner of Rockland.	Flush
Fourth street, west side, south of Potomska	61 feet
Franklin street, southwest corner of Purchase	

Franklin street, southwest corner of Pleasant. Flush . . . .	
Franklin street, southwest corner of State . . . . .	
Front street, southwest corner of Holly . . . . .	
Front street, west side, south of Washburn 319 feet. Flush .	
Front street, southwest corner of Logan . . . . .	
Front street, west side, south of Logan 190.2 feet . - . .	
Front street, west side, south of Logan 383 feet . . . . .	
Front street, west side, north of Wamsutta 235.2 feet . . . .	
Front street, southeast corner of Wamsutta . . . . .	
Front street, southwest corner of Middle . . . . .	
Front street, southwest corner of Hazard's lane. Flush . . .	
Front street, northwest corner of Rodman . . . . .	
Front street, southwest corner of Center. Flush . . . . .	
Front street, west side, south of Commercial 86 feet. Flush .	
Front street, northwest corner of lane head of Merrill's wharf.	
Flush . . . . .	
Front street, west side, south of Howland 268 feet . . . . .	
Front street, southwest corner of Grinnell . . . . .	
Front street, west side, south of South 330 feet . . . . .	
Front street, west side, north of Blackmer 191 feet . . . . .	
Front street, west side, north of Delano 191 feet . . . . .	
Front street west side, south of Delano 200 feet . . . . .	
Fruit street, south side, east of Hemlock 126.5 feet . . . . .	
Fruit street, south side, west of Mulberry 25.5 feet . . . . .	
Gifford street, south side, east of Water 274 feet . . . . .	
Gifford street, south side, west of Harbor 167.8 feet . . . .	
Gifford street, south side, east of Harbor 299.3 feet . . . .	
Grand street south side, west of Shawmut avenue 750 feet . .	
Granfield street, west side, north of Coggeshall 263 feet . . .	
Grape street, south side, west of Lewis 131 feet . . . . .	
Grape street, southwest corner of Small . . . . .	
Grape street, southwest corner of Devoll . . . . .	
Griffin street, southwest corner of Second. Flush . . . . .	
Grinnell street, south side, west of Acush, av. 76 feet. Flush .	
Grinnell street, south side, east of Crapo 103 feet. Flush . .	
Grinnell street, southwest corner of Orchard . . . . .	
Grove street, southwest corner of Anthony . . . . .	
Grove street, southwest corner of Cottage . . . . .	
Harbor street, east side, north of Cove 195 feet . . . . .	
Harbor street, east side, north of Cove 372 feet . . . . .	
Harbor street, east side, north of Cove 540 feet . . . . .	
Harbor street east side, south of Gifford 195.8 feet . . . .	
Harbor street, southeast corner of Gifford . . . . .	
Harmony street, southwest corner of Social . . . . .	

Harrison street, southwest corner of Hickory . . . . .	
Hathaway avenue, south side, east of Acushnet av. 144 feet . . . . .	
Hathaway avenue, southeast corner of Bowditch . . . . .	
Hathaway avenue, south side, east of Church 308.9 feet . . . . .	
Hawthorn street, southwest corner of Cottage . . . . .	
Hawthorn street, southeast corner of Page. Flush . . . . .	
Hawthorn street, south side, east of Tremont 147 feet . . . . .	
Hawthorn street, southwest corner of Brigham . . . . .	
Hawthorn street, south side, west of Brigham 301 feet . . . . .	
Hazard street, south side, west of State 140 feet. Flush . . . . .	
Hazard street, southwest corner of Pleasant. Flush . . . . .	
Hazard street, southwest corner of Purchase . . . . .	
Hemlock street, west side, south of Rockland 231 feet . . . . .	
Hicks street, south side, east of Acushnet avenue 276 feet . . . . .	
High street, south side, east of Acushnet av. 43 feet. Flush . . . . .	
High street, southwest corner of Purchase . . . . .	
High street, south side, east of County 177 feet. Flush . . . . .	
Highland street, west side, north of Durfee 418.4 feet . . . . .	
Hillman street, southwest corner of Second. Flush . . . . .	
Hillman street, southwest corner of Purchase . . . . .	
Hillman street, southwest corner of Pleasant . . . . .	
Hillman street, head of State . . . . .	
Hillman street, head of Thomas . . . . .	
Hillman street, southwest corner of Chancery . . . . .	
Hillman street, south side, east of Florence 609.5 feet . . . . .	
Hillman street, southwest corner of Lindsey . . . . .	
Hillman street, southeast corner of Rockdale avenue . . . . .	
Holly street, southwest corner of Belleville avenue . . . . .	
Holly street, southwest corner of Bowditch . . . . .	
Holly street, southeast corner of Brook . . . . .	
Hollyhock street, south side, east of Field 318.6 feet . . . . .	
Homer street, southwest corner of Locust . . . . .	
Howard avenue, south side, east of Acushnet avenue 364 feet . . . . .	
Howland street, northeast corner of Second. Flush . . . . .	
Howland street, south side, west of Prospect 19.2 feet . . . . .	
Hunter street, southwest corner of Hillman . . . . .	
Independent street, south side, west of County 480 feet . . . . .	
Independent street, southeast corner of Crapo . . . . .	
Irving court, north end of Court. Flush . . . . .	
James street, west side, north of Arnold 107 feet . . . . .	
James street, southwest corner of Court . . . . .	
Jouvette street, south side, west of County 372 feet . . . . .	
Katharine street, southeast corner of Crapo . . . . .	
Katharine street, south side, west of County 442 feet . . . . .	



Keene street, south side, west of Park	434 feet	.....
Kempton street, southwest corner of Purchase		.....
Kempton street, southwest corner of Pleasant		.....
Kempton street, south side, opposite Hill		.....
Kempton street, southwest corner of County		.....
Kempton street, southwest corner of Summer		.....
Kempton street, southwest corner of Emerson.	Flush	.....
Kempton street, southwest corner of Park		.....
Kempton street, southwest corner of Liberty		.....
Kempton street, southeast corner of Jenney.	Flush	.....
Kempton street, south side, west of Hunter	50 feet	.....
Kempton street, southwest corner of Francis		.....
Kilburn street, north side, east of Front	244 feet	.....
Kilburn street, north side, east of Front	581 feet	.....
Larch street, south side, east of Mulberry	120 feet	.....
Larch street, south side, east of Hemlock	129 feet	.....
Liberty street, west side, south of Kempton	339 feet.	Flush .
Liberty street, west side, north of Court	164 feet	.....
Lincoln street, west side, south of Union	171 feet.	Flush .
Linden street southwest corner of Purchase		.....
Linden street, south side, west of State	13.5 feet	.....
Linden street, south side, west of County	169 feet	.....
Linden street, south side, west of Reynolds	67.5 feet	.....
Linden street, south side, east of Ashland	6.5 feet	.....
Lindsey street, west side, south of Kempton	173 feet	.....
Lindsey street, northwest corner of Morgan		.....
Locust street, southwest corner of County		.....
Locust street, southwest corner of Chestnut		.....
Locust street, southeast corner of Richmond		.....
Logan street, south side, east of Acushnet av	400 feet.	Flush .
Logan street, southwest corner of Acushnet avenue.	Flush	.
Logan street, southeast corner of Purchase		.....
Lombard street, west side, south of Rockland	209.5 feet	...
Lucas street, south side, west of Brock avenue	214 feet	...
Madison street, southwest corner of First.	Flush	.....
Madison street, southwest corner of Water		.....
Madison street, southwest corner of Sixth		.....
Maitland street, southwest corner of Cedar		.....
Maple street, southwest corner of Cottage		.....
Maxfield street, southwest corner of Second		.....
Maxfield street, southwest corner of Purchase		.....
Maxfield street, southwest corner of Pleasant		.....
Maxfield street, southwest corner of Foster		.....
Maxfield street, southwest corner of County		.....

Maxfield street, southwest corner of Chestnut . . . . .	
Maxfield street, southeast corner of Spruce. Flush . . . . .	
Maxfield street, southeast corner of Ash . . . . .	
Maxfield street, south side, east of Chancery 44.4 feet . . .	
McGurk street, west side, north of Brock avenue 348 feet . .	
Mechanics lane northwest corner of Purchase . . . . .	
Mechanics lane, north side, east of Eighth 206 feet. Flush .	
Merrimac street, southwest corner of Purchase . . . . .	
Merrimac street, southwest corner of State . . . . .	
Merrimac street, southwest corner of Summer . . . . .	
Middle street, southwest corner of Second . . . . .	
Middle street, southwest corner of Acushnet avenue . . . . .	
Middle street, southwest corner of Purchase . . . . .	
Middle street, southwest corner of Pleasant . . . . .	
Middle street, southwest corner of Sixth . . . . .	
Middle street, southwest corner of County . . . . .	
Middle street, south side, east of Cedar 371 feet. Flush . . .	
Middle street, southeast corner of Chancery. Flush . . . . .	
Mill street, southwest corner of Purchase . . . . .	
Mill street, south side, west of Hill 191 feet. Flush . . . . .	
Mill street, south side, west of Ash 45 feet. Flush . . . . .	
Mill street, south side, east of Park 104 feet . . . . .	
Mill street, southeast corner of Newton . . . . .	
Mill street, southeast corner of Summit . . . . .	
Milton street, south side, west of Rockdale avenue 85 feet .	
Mitchell street, northwest corner of Coggeshall . . . . .	
Mitchell street, west side, north of Coggeshall 178.8 feet . .	
Mitchell street, west side, south of Sawyer 345 feet . . . . .	
Mitchell street, southwest corner of Sawyer . . . . .	
Moorland terrace, southwest corner of Ash . . . . .	
Morgan street, southwest corner of County . . . . .	
Morgan street, southwest corner of Cottage. Flush . . . . .	
Morton's court, west side, north of Cove 385.3 feet . . . . .	
Mosher street, south side, west of County 517 feet . . . . .	
Mosher street, southeast corner of Crapo . . . . .	
Mt. Pleasant street, west side, south of Tarkiln hill road 35 feet	
Mt. Pleasant street, west side, north of Nash road 1,671 feet .	
Mt. Pleasant street, west side, north of Nash road 348 feet .	
Mt. Pleasant street, west side, north of railroad fence 285 feet	
Mt. Pleasant street, west side, south of Hathaway road 40 feet	
Mt. Pleasant street, west side, north of Peckham-West cemetery	
277 feet . . . . .	
Mt. Pleasant street, west side, south of Peckham-West cemetery	
74 feet . . . . .	



Mt. Pleasant street, west side north of reservoir	837 feet . . .
Mt. Pleasant street, west side, north of reservoir	450 feet . . .
Mt. Pleasant street, west side north of reservoir	40 feet . . .
Mt. Pleasant street, west side, south of Peckham	217 feet . . .
Mt. Vernon street, southwest corner of Mt. Pleasant	. . . . .
Mt. Vernon street, southeast corner of Vine, Flush	. . . . .
Myrtle street, west side, south of Weld	22 feet . . . . .
Myrtle street, southwest corner of Clark	. . . . .
Nelson street, south side, west of County	541.6 feet . . . . .
Newton street, northwest corner of Elm	. . . . .
North street, southeast corner of Second	. . . . .
North street, southwest corner of Acushnet avenue	. . . . .
North street, southwest corner of Purchase	. . . . .
North street, northwest corner of Pleasant	. . . . .
North street, southwest corner of Foster	. . . . .
North street, southwest corner of Hill	. . . . .
North street, southwest corner of County	. . . . .
North street, southwest corner of Park	. . . . .
North street, south side, west of Newton	258 feet . . . . .
North street, southwest corner of Hunter	. . . . .
North street, southwest corner of Beech	. . . . .
Nye street, southwest corner of Belleville avenue	. . . . .
Nye street, southwest corner of Front	. . . . .
Nye street, south side, west of Acushnet avenue	311.7 feet . . .
Oak street, southwest corner of Harrison	. . . . .
Oak street, northwest corner of Grape	. . . . .
Oak street, southwest corner of Allen	. . . . .
Ocean street, west side, south of Arnold	184.5 feet . . . . .
Orchard street, southwest corner of Madison	. . . . .
Orchard street, southwest corner of Grove	. . . . .
Orchard street, west side, north of Rockland	98 feet . . . . .
Palmer street, northwest corner of Union	. . . . .
Park place, south side, west of Sixth	306 feet. Flush . . .
Park street, west side, south of Maxfield	27.1 feet . . . . .
Park street, southwest corner of Hillman	. . . . .
Park street, west side, south of Kempton	339 feet . . . . .
Park street, northwest corner of Court	. . . . .
Park street, west side, north of Arnold	263 feet . . . . .
Parker street, south side, at Oak Grove cemetery	. . . . .
Parker street, southwest corner of Sumner, Flush	. . . . .
Parker street, southwest corner of County	. . . . .
Pearl street, southwest corner of Pleasant	. . . . .
Pearl street, southwest corner of Purchase	. . . . .
Phillips avenue, southwest corner of Riverside avenue	. . . . .

Pierce street, west side, north of Court	253.7 feet
Pine street, northwest corner of Cross. Flush	
Plainville road, south side, east of Shawmut avenue	705 feet
Plainville road, south side, east of Shawmut avenue	1,139 feet
Plainville road, south side, east of Shawmut avenue	2,317 feet
Plainville road, south side, east of Shawmut avenue	3,113 feet
Plainville road, south side, east of Shawmut avenue	3,920 feet
Pleasant street, northwest corner of Market	
Pleasant street, west side, north of William	21 1 2 feet
Pleasant street, east side, foot of Sycamore	
Pleasant street, northwest corner of Pope. Flush	
Pleasant street, northwest corner of Austin. Flush	
Pleasant street, southwest corner of Linden. Flush	
Pleasant street, southwest corner of Weld	
Plummer avenue, southwest corner of Riverside avenue	
Plummer avenue, south side, east of Belleville avenue	177 feet
Pope street, southwest corner Purchase	
Pope street, south side, opposite North Oak	
Pope street, southwest corner of Summer	
Poplar road, south side, west of Bolton road	431 feet
Potomska street, a group of three post hydrants located about 300 feet east of Prospect and 91 feet north of south line of Potomska street	
Potter street, south side, east of Shawmut avenue	403 feet
Prospect street, west side, north of Grinnell	275.2 feet
Prospect street, northwest corner of Grinnell	
Prospect street, west side, north of Potomska	324.5 feet
Prospect street, northwest corner of Potomska	
Purchase street, northwest corner of Dean	
Purchase street, west side, opposite Onoko mill	
Purchase street, east side, opposite Clark	
Purchase street, west side, south of Campbell	348 feet
Purchase street, northwest corner of Union. Flush	
Purchase avenue, northeast corner of Purchase	
Reed street, west side, north of Court	145 feet
Reed street, southwest corner of Elm	
Reed street, southwest corner of Middle	
Reynolds street, southwest corner of Weld	
Reynolds street, west side, south of Clark	17.9 feet
Richmond street, southwest corner of Maitland	
Rivet street, southwest corner of Second. Flush	
Rivet street, southwest corner of County	
Rivet street, southwest corner of Bonney	
Rivet street, southeast corner of Bolton road	

Rivet street, southwest corner of Hemlock . . . . .	
Robeson street, southwest corner of County . . . . .	
Robeson street, southwest corner of Ashland . . . . .	
Robeson street, southeast corner of Cottage . . . . .	
Robeson street, southeast corner of Cedar . . . . .	
Robeson street, south side, west of Cedar 424 feet . . . . .	
Rockdale avenue, southwest corner of Bolton road . . . . .	
Rockdale avenue, south side, west of Bolton road 327 feet . . . . .	
Rockdale avenue, west side, north of Milton 126 feet . . . . .	
Rockland street, southwest corner of County . . . . .	
Rockland street, southeast corner of Hall . . . . .	
Rockland street, south side, west of Orchard 13 feet . . . . .	
Rockland street, south side, east of Hemlock 179.3 feet . . . . .	
Rockland street, southwest corner of Lombard . . . . .	
Rotch street, west side, south of Union 213.7 feet . . . . .	
Rounds street, northwest corner of Elm . . . . .	
Rural street, southwest corner of Allen . . . . .	
Russell street, south side, east of Fifth 92 feet. Flush . . . . .	
Russell street, southwest corner of Sixth . . . . .	
Russell street, south side, west of Sixth 179 feet . . . . .	
Salisbury street, west side, south of Cove 598 feet . . . . .	
Sand street, northwest corner of Grit . . . . .	
Sawyer street, south side, west of County 644 feet . . . . .	
Sawyer street, southwest corner of Bowditch . . . . .	
Sawyer street, southwest corner of Acushnet avenue . . . . .	
Sawyer street, southeast corner of Belleville avenue . . . . .	
Sawyer street, south side, east of Mitchell 418.8 feet . . . . .	
Sawyer street, north side, east of Belleville avenue 750 feet . . . . .	
School street, southwest corner of Sixth . . . . .	
Scott street, south side, west of County 325 feet . . . . .	
Second street, northwest corner of Mill. Flush . . . . .	
Second street, west side, south of Elm 52 feet . . . . .	
Second street, west side, south of Spring 74 feet. Flush . . . . .	
Second street, northwest corner of Coffin. Flush . . . . .	
Second street, west side, at head of Morgan's lane . . . . .	
Second street, west side, north of Grinnell 61 feet. Flush . . . . .	
Second street, west side, north of Potomska 232 feet . . . . .	
Second street, west side, south of Potomska 122 feet . . . . .	
Second street, west side, south of Blackmer 188 feet . . . . .	
Seventh street, southwest corner of Union . . . . .	
Seventh street, west side, north of Madison 50 feet. Flush . . . . .	
Shawmut avenue, southwest corner of Willis . . . . .	
Shawmut avenue, southwest corner of Parker . . . . .	
Shawmut avenue, west side, head of Locust . . . . .	

Shawmut avenue, southwest corner of Robeson . . . . .	
Shawmut avenue, west side, north of Austin 195 feet . . . . .	
Shawmut avenue, west side, north of Durfee 497 feet . . . . .	
Shawmut avenue, southwest corner of Grand . . . . .	
Shawmut avenue, west side, north of Grand 203 feet . . . . .	
Shawmut avenue, northwest corner of Plainville road . . . . .	
Sherman street, south side, west of County 314 feet. Flush .	
Shore street, west side, south of Cove road 264 feet . . . . .	
Sisson street, northwest corner of Union . . . . .	
Sixth street, west side, north of Grinnell 194 feet . . . . .	
Smith street, southwest corner of County . . . . .	
Smith street, southwest corner of Chestnut . . . . .	
Smith street, southeast corner of Spruce . . . . .	
Smith street, southeast corner of Shawmut avenue . . . . .	
Smith street, south side, east of Park 5 feet . . . . .	
South street, south side, east of Crapo 137 feet. . . . .	
South street, southwest corner of Acushnet avenue . . . . .	
South street, southwest corner of Second . . . . .	
South street, southwest corner of First . . . . .	
South street, southwest corner of Water . . . . .	
South street, southwest corner of Prospect . . . . .	
Spring street, southwest corner of Water . . . . .	
Spring street, southeast corner of Acushnet avenue . . . . .	
Spring street, southeast corner of Fifth. Flush . . . . .	
Spring street, southwest corner of Seventh . . . . .	
State street, southwest corner of Sycamore . . . . .	
State street, southwest corner of Pearl. Flush . . . . .	
Stone street, west side, south of Allen 208.6 feet . . . . .	
Summer street, northwest corner of North. Flush . . . . .	
Summer street, northwest corner of Hillman. Flush . . . . .	
Summer street, southwest corner of Willis. Flush . . . . .	
Sycamore street, southwest corner of Thomas. Flush . . . . .	
Sycamore street, southwest corner of Summer. Flush . . . . .	
Sycamore street, southwest corner of Chancery . . . . .	
Taber street, southwest corner of Page . . . . .	
Taber street, south side, west of Page 428.7 feet . . . . .	
Tallman street, south side, west of Acushnet avenue 421.9 feet	
Tallman street, southwest corner of Belleville avenue . . . . .	
Thompson street, southeast corner of Bourne . . . . .	
Thompson street, southwest corner of Hemlock . . . . .	
Thompson street, south side, east of Hemlock 99.6 feet . . . . .	
Thompson street, south side, west of Bonney 302 feet . . . . .	
Thompson street, south side, east of Hall 20 feet . . . . .	
Thompson street, southwest corner of County . . . . .	



Tinkham street, south side, east of Acushnet avenue	239.2 feet
Tremont street, southwest corner of Union	.....
Tremont street, northwest corner of Maple	.....
Trinity street, south side, west of Cedar	264 feet
Union street, southwest corner of Front	.....
Union street, southwest corner of Water	.....
Union street, southwest corner of First	.....
Union street, southwest corner of Second	.....
Union street, southwest corner of Acushnet avenue	.....
Union street, southwest corner of Sixth	.....
Union street, southwest corner of County	.....
Union street, southeast corner of Emerson	.....
Union street, southwest corner of Ocean	.....
Union street, south side, west of James	61 feet
Valentine street, south side, west of Brock avenue	187 feet
Viall street, west side, south of Cove	576.1 feet
Vine street, west side, north of Durfee	215 feet
Walden street, southwest corner of Maxfield.	Flush
Wall street, south side, east of Acushnet avenue	165 feet. Flush
Walnut street, northwest corner of Front	.....
Walnut street, southwest corner of Water	.....
Walnut street, southwest corner of Second.	Flush
Walnut street, southwest corner of Fourth	.....
Walnut street, southwest corner of Seventh	.....
Wamsutta street, south side, west of Front	200 feet
Wamsutta street, south side, west of Front	372 feet
Wamsutta street, south side, east of Acushnet avenue	286 feet,
Ward street, southwest corner of Bay	.....
Warren street, southwest corner of Brock avenue	.....
Washburn street, southeast corner of Acushnet avenue	.....
Washburn street, south side, west of North Front	228 feet
Washington street, southwest corner of County	.....
Washington street, southwest corner of Crapo	.....
Washington street, south side, west of Orchard	102 feet. Flush
Washington street, southeast corner of Dartmouth.	Flush
Water street, southwest corner of Hillman.	Flush
Water street, southwest corner of North	.....
Water street, west side, south of North	258 feet. Flush
Water street, northwest corner of Middle.	Double
Water street, southwest corner of Elm.	Flush
Water street, west side, north of Center	46 feet. Flush
Water street, southwest corner of School	.....
Water street, west side, head of Pine	.....
Water street, west side, head of Leonard	.....

Water street, southwest corner of Howland . . . . .	
Water street, northwest corner of Grinnell . . . . .	
Water street, northwest corner of Potomska . . . . .	
Water street, west side, south of Potomska 266 feet . . . . .	
Water street, northwest corner of Rivet . . . . .	
Water street, southwest corner of Blackmer . . . . .	
Water street, northwest corner of Delano . . . . .	
Water street, west side, head of Gifford . . . . .	
Weld street, southeast corner of Mt. Pleasant . . . . .	
Weld street, southwest corner of State . . . . .	
Willard street, south side, west of Brock avenue 364 feet . . . . .	
William street, southwest corner of Bethel . . . . .	
William street, southwest corner of Second . . . . .	
William street, southwest corner of Purchase . . . . .	
William street, southwest corner of Sixth . . . . .	
William street, southwest corner of Eighth . . . . .	
Willis street, southwest corner of Purchase . . . . .	
Willis street, southeast corner of Pleasant . . . . .	
Willis street, southwest corner of State . . . . .	
Willis street, southwest corner of County . . . . .	
Willis street, southwest corner of Cottage . . . . .	
Willis street, south side, west of Cedar 200 feet, Flush . . . . .	
Willow street, southwest corner of Cottage . . . . .	
Willow street, southeast corner of Shawmut avenue . . . . .	
Wing street, southwest corner of Fourth, Flush . . . . .	
Wing street, southwest corner of Sixth . . . . .	
Winsor street, south side, west of County 455.5 feet . . . . .	
Winsor street, south side, east of Crapo 77.5 feet . . . . .	
Wood street, south side, west of Acushnet avenue 366 feet . . . . .	
Woodlawn street, south side, west of Brock avenue 636 feet . . . . .	
Number of flush hydrants . . . . .	119
Number of post hydrants . . . . .	604
<hr/>	
Total number of hydrants . . . . .	723



IN BOARD OF ALDERMEN,

February 8, 1900.

Received, ordered printed in the City Documents, and sent down for concurrence.

D. B. LEONARD, City Clerk.

IN COMMON COUNCIL,

2 mo. 8, 1900.

Concurred.

WM. A. MACKIE, Clerk.



1900—CITY DOCUMENT No. 6.

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ANNUAL REPORT

OF THE

SCHOOL COMMITTEE

OF THE

CITY OF NEW BEDFORD,

TOGETHER WITH THE

Superintendent's Annual Report,

FOR THE YEAR 1899.

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NEW BEDFORD:  
MERCURY PUB. CO., CITY PRINTERS.  
1900.

IN SCHOOL COMMITTEE.

December 29, 1899.

*Voted*, That the Secretary prepare the Annual Report of the School Board for the year 1899 and that 2,500 copies of the same be printed.

# Report of the Secretary.

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By direction of the School Committee, I submit to our fellow citizens the following report for the year 1899 :

## STATISTICS.

### I. POPULATION AND VALUATION.

The population of the city (census of 1890) was	40,705
The population of the city (census of 1895) was	55,251
Estimated population of the city (Dec. 1899)	60,000
Valuation of taxable property (1899)	\$56,107,418
Schoolhouses and lots,	858,938
Other school property,	62,000

### II. APPROPRIATION.

Rate of taxation,	\$19.20
Amount for school purposes, not including new buildings,	197,203.79
Ratio of ordinary expenses of day schools to whole tax, (exclusive of payments on city debt and interest on the same, also appropriations to library),	.256

### III. SCHOOL CENSUS.

School census, May 1898, (children between five and fifteen years of age),	11,109
School census, Sept. 1899, (children between five and fifteen years of age),	10,716
Decrease as shown by the returns,	393

## SCHOOL CENSUS BY WARDS.

	1898.	1899.	
Ward One,	2,964	2,731	decrease 233
Ward Two,	1,552	1,575	increase 23
Ward Three,	869	801	decrease 68
Ward Four,	952	772	decrease 180
Ward Five,	1,528	1,467	decrease 61
Ward Six,	3,244	3,370	increase 126

LOCATION OF CHILDREN BETWEEN FIVE AND FIFTEEN YEARS OF AGE,  
AS TO SCHOOL ATTENDANCE, AS REPORTED BY THE CENSUS  
ENUMERATORS.

	Attending Public Schools.	Attending Private Schools.	Attending no School.
Ward One,	1,468	1,059	204
Ward Two,	811	633	131
Ward Three,	649	131	21
Ward Four,	748	19	5
Ward Five,	1,285	171	11
Ward Six,	2,319	679	372

Children reported as attending no school are presumably those who are between five and seven years of age, and those over fourteen who have completed their school requirements.

## IV. SCHOOL ORGANIZATION.

High School,	1
Normal and Training school for teachers,	1
Grammar schools,	4
Primary schools,	12
Mixed schools—grammar and primary,	3
Ungraded schools,	6

## V. SCHOOL BUILDINGS.

Occupied by the schools,	25
Buildings hired for school purposes,	7



ROOMS USED FOR SCHOOL PURPOSES (DAY SCHOOLS) INCLUDING HALLS  
AND RECITATION ROOMS.

High school,	17
Normal and Training school,	11
Grammar schools,	54
Primary schools,	111
Ungraded schools,	11
Manual Training school,	1
Cooking school,	1
Kindergartens,	4
Rooms unoccupied,	2
Total,	212
Rooms used for both day and evening schools,	37

VI. SEATS.

	Seats Occupied.	Seats Unoccupied.
High school,	351	26
Grammar schools,	2,096	238
Primary schools,	4,396	736
Normal and Training schools,	359	70
Ungraded schools,	302	91

VII. TEACHERS.

Whole number in service Dec. 2, 1899:

High school,	15
Normal and Training school: Regular teachers,	6
“ “ “ Pupil teachers,	13
Grammar schools,	55
Primary schools,	111
Kindergartens,	6
Country schools (ungraded),	8
Mill schools, “	3
Special teachers,	7
Temporary assistants,	1
Evening High school,	7
Evening Drawing school,	4
Evening Elementary schools,	66
Total,	302

## VIII. PUPILS.

## DAY SCHOOLS—1899.

Whole number of pupils enrolled of all ages,	9,100
Average number of pupils belonging,	7,399
Average daily attendance,	6,812
Per cent. of attendance,	92
Number of half-days absence,	213,097
Number cases of tardiness,	12,991
Number cases of dismissal,	33,036
Number cases of truancy reported by teachers,	289
Number cases of corporal punishment,	785
Number cases of suspension,	6
Half-days absence of teachers,	994
Number cases of tardiness by teachers,	132
Number visits made the schools by the Superintendent,	558
Number visits made the schools by the School Committee,	129
Number visits made the schools by parents and others,	3,457

## EVENING SCHOOLS—1899.

Whole number pupils enrolled,	2,262
Average number belonging,	1,177
Average nightly attendance,	952
Per cent. of attendance,	80.8
Total nights absence,	9,011
Number cases of tardiness,	571
Number visits by Superintendent,	33
Number visits by School Committee,	126

## EVENING DRAWING SCHOOL—1899.

Whole number enrolled,	102
Average number belonging,	47
Average nightly attendance,	32
Per cent. of attendance,	68

## EVENING HIGH SCHOOL—1899.

Whole number pupils enrolled,	191
Average number belonging,	141
Average nightly attendance,	109
Per cent. of attendance,	67.5

## PUBLIC SCHOOLS.

	1899.	1898.		
Enrollment of pupils,	9,100	9,140	decrease	40
Average number belonging,	7,399	7,490	decrease	91
Average daily attendance,	6,812	6,966	decrease	154
Per cent. of attendance,	92	93	decrease	1
Number cases tardiness,	12,991	13,446	decrease	455
Number cases dismissal,	33,036	23,836	increase	9,200

## PRIVATE AND PAROCHIAL SCHOOLS.

	1899.	1898.		
Enrollment of pupils,	3,527	3,499	increase	28
Average number belonging,	3,140	2,941	increase	199
Average daily attendance,	2,913	2,649	increase	264
Per cent. of daily attendance,	92.7	90	increase	2.7

## PUBLIC, PRIVATE AND PAROCHIAL SCHOOLS.

	1899.	1898.		
Enrollment of pupils,	12,627	12,639	decrease	12
Average number belonging,	10,539	10,431	increase	108
Average daily attendance,	9,725	9,615	increase	110
Per cent. of daily attendance,	92.2	92.1	increase	1

## COST OF INSTRUCTION PER SCHOLAR BY SCHOOLS.

In this connection, the cost of instruction per scholar is based upon the average number belonging to each school during the year, and the amount expended for the hire of teachers, fuel, care of schoolhouses, books and supplies, (except those furnished from the income of the Sylvia Ann Howland fund and Dog fund,) the term, "care of schoolhouses" including only the salaries of janitors.

Elsewhere in the report is given the cost, by departments, of each pupil, based on the average number belonging and the total amount expended for the maintenance of each department during the year. This last computation furnishes the basis upon which tuition of non-residents will be collected.

TABLE I. The cost of maintenance of a pupil in the High School for the year has been \$61.45

Grammar Department :

Fifth Street,	\$21.95
Middle Street,	25.65
Parker Street,	22.24
Phillips Avenue,	21.98
Thompson Street,	18.16
William H. Taylor,	37.20
Harrington Normal and Training School,	31.62

Primary Department :

Acushnet Avenue,	\$17.03
I. W. Benjamin,	15.48
Cedar Street,	17.44
Cedar Grove Street,	17.20
Clark Street,	18.00
Cannonville,	17.45
Dartmouth Street,	18.34
George H. Dunbar,	20.36
Thomas A. Greene,	18.81
Sylvia Ann Howland,	18.68
Merrinac Street,	16.55
Phillips Avenue,	22.05
William H. Taylor,	17.57
Mary B. White,	19.59

Ungraded Schools :

Acushnet,	\$27.37
North,	33.07
Plainville,	64.99
Rockdale,	39.81
North Mill,	40.88
South Mill,	17.93

Evening Schools :

Cedar Grove Street,	\$3.68
Fifth Street,	4.16
Parker Street,	4.59
Phillips Avenue,	5.95
Thompson Street,	3.32
Evening Drawing,	10.96
Evening High,	5.00

The average cost of a	
Grammar school pupil was	\$22.68
Primary school pupil was	17.73
Training school pupil was	31.62
Ungraded school pupil was	33.26
Mill school pupil was	24.55
Elementary Evening school pupil was	4.02
Evening High school pupil was	5.00
Evening Drawing school pupil was	10.96
Day school pupil was	22.18

TABLE II. The average cost per pupil by departments, based on the average number belonging and the total expenditures for each department, not including the expenditures from the Howland fund or Dog fund, was as follows :

High school,	\$66.77
Harrington Normal and Training school,	38.42
Grammar schools,	25.51
Primary schools,	20.02
Ungraded schools,	39.45
Evening Elementary schools,	4.79
Evening High school,	6.27
Evening Drawing school,	13.55
Average cost of a day school pupil,	25.23
Average cost of an evening school pupil, including drawing school,	5.24

## RECEIPTS AND EXPENDITURES FOR 1899.

### RECEIPTS.

General and special appropriation as follows :

For teachers' salaries,	\$140,000.00
For incidentals (including salaries of officers, janitors, books, supplies, etc.),	49,500.00
From non-resident pupils,	714.00
From sale of books and supplies,	76.00
For repairs of buildings,	6,600.00
For Kindergartens (balance special appropriation),	3,401.07
	\$200,291.07

## EXPENDITURES.

## For teachers' salaries :

Day schools,	\$132,635.15	
Evening schools,	4,924.50	\$137,559.65
For salaries: Superintendent, clerks, truant officers and janitors,	23,281.45	
For books and supplies,	6,890.88	
For lighting,	1,370.42	
For fuel,	9,203.19	
For janitors' supplies,	508.33	
For Cooking school,	198.88	
For Manual Training school,	170.23	
For miscellaneous expenses (including rent of rooms, janitors' supplies, school furniture, etc.),	8,717.70	50,341.08
For repairs of buildings,		5,970.29
For Kindergartens (special),		3,332.77

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 \$197,203.79

## Summary :

Receipts,	\$200,291.07
Expenditures,	197,203.79
Balance,	<hr/> \$3,087.28

## DOG FUND.

Received February, 1899,	\$1,255.46
Expenditures,	792.32
Balance,	<hr/> \$463.14

## EXPENDITURES BY DEPARTMENTS.

## High school :

Salaries,	\$18,255.54	
Text books,	336.63	
Stationery,	1,062.00	
Janitor's salary,	1,010.00	
Fuel,	521.97	
Ordinary repairs,	394.63	
Proportion of ordinary expenses,	1,381.73	\$22,962.50
Books and supplies from income of Howland fund,		301.40



## Harrington Normal and Training school:

Salaries,	\$7,026.17	
Text books,	94.04	
Stationery,	87.15	
Janitor's salary,	800.00	
Fuel,	767.22	
Ordinary repairs,	415.01	
Proportion of ordinary expenses,	1,423.11	\$10,612.70
Books and supplies from income of Howland fund,		160.25

## Grammar schools:

Salaries,	\$36,383.48	
Text books,	1,728.13	
Stationery,	954.42	
Janitors' salaries,	3,566.23	
Fuel,	1,985.29	
Ordinary repairs,	2,145.03	
Proportion of ordinary expenses,	3,577.49	\$50,340.07
Books and supplies from income of Howland fund,		424.07

## Primary schools:

Salaries,	\$62,363.98	
Text books,	725.28	
Stationery,	1,075.87	
Janitors' salaries,	8,562.46	
Fuel,	5,456.65	
Ordinary repairs,	2,359.87	
Proportion of ordinary expenses,	7,749.93	\$88,294.04
Books and supplies from income of Howland fund,		778.52

## Ungraded schools:

Salaries,	\$7,283.48	
Text books,	156.28	
Stationery,	124.79	
Janitors' salaries,	978.60	
Fuel,	396.06	
Ordinary repairs,	655.75	
Proportion of ordinary expenses,	2,160.76	\$11,755.72
Books and supplies from income of Howland fund,		79.26

## Manual Training (Sloyd) school:

Salary,	\$1,400.00	
Supplies,	200.58	
Proportion of ordinary expenses,	150.00	\$1,750.58
Books and supplies from income of Howland fund,		

## Cooking school:

Salary,	\$532.50	
Supplies,	271.37	
Proportion of ordinary expenses,	150.00	\$953.87
Books and supplies from income of Howland fund,		

## Evening Elementary schools:

Salaries,	\$4,203.50	
Text books,	78.49	
Stationery,	28.59	
Janitors' salaries,	420.00	
Lighting,	489.33	
Proportion of ordinary expenses,	422.91	\$5,642.82

## Evening Drawing school:

Salaries,	\$381.00	
Stationery,	101.21	
Janitor's salary,	38.00	
Lighting,	68.57	
Proportion of ordinary expenses,	53.02	\$641.80

## Evening High school:

Salaries,	\$340.00	
Books,	144.35	
Stationery,	182.83	
Janitor's salary,	38.00	
Lighting,	149.38	
Proportion of ordinary expenses,	30.16	\$884.72

## Kindergartens:

Salaries,	\$2,839.61	
Supplies,	493.16	\$3,332.77

## SYLVIA ANN HOWLAND EDUCATIONAL FUND.

Balance of income on hand Dec. 5, 1898,	\$49.63
Interest for the year,	3,000.00
	<hr/>
	\$3,049.63
Expenditures for the year,	2,156.93
	<hr/>
Balance Dec. 2, 1899,	\$892.70
Cost of books and supplies during 1899,	\$2,156.93
Cost of books and supplies in stock Dec. 5, 1898,	263.36
	<hr/>
	\$2,420.29

Cost of books and supplies charged to schools, 1899,	\$2,229.25
Cost of books and supplies in stock Dec. 2, 1899,	191.04
	<hr/> \$2,420.29

Disbursements to the several schools, and otherwise,  
are as follows :

High school,	\$301.40
Fifth Street Grammar school,	41.60
Middle Street Grammar school,	64.27
Parker Street Grammar school,	91.50
Phillips Avenue school,	56.36
Thompson Street Grammar school,	178.71
Harrington Normal and Training school,	160.25
Acushnet Avenue Primary school,	46.29
I. W. Benjamin Primary school,	151.80
Cedar Grove Street Primary school,	122.02
Cedar Street Primary school,	61.27
Clark Street Primary school,	46.48
Cannonville Primary school,	27.25
Dartmouth Street Primary school,	31.71
George H. Dunbar Primary school,	49.46
Thomas A. Greene Primary school,	37.48
Sylvia Ann Howland Primary school,	47.58
Merrimac Street Primary school,	60.57
William H. Taylor school,	59.43
Mary B. White Primary school,	28.81
Acushnet school,	28.10
North school,	4.44
Plainville school,	4.64
Rockdale school,	18.53
North Mill school,	16.52
South Mill school,	7.03
Manual Training school,	
Cooking school,	
Office,	5.35
Care of pianos and organs,	402.25
Sewing materials,	47.78
Pedagogical library,	23.49
Miscellaneous,	6.88
Stock on hand Dec. 2, 1899,	191.04
	<hr/> \$2,420.29

## DETAILED STATEMENT.

Outlay of the School Committee from the income of the Sylvia Ann Howland fund, from Dec. 5, 1898, to Dec. 2, 1899.

## BOOKS AND PERIODICALS.

American Book Co.,	\$112.46	
Appleton, D. & Co.,	6.67	
Bardeen, C. W.,	55.90	
Boston School Supply Co.,	4.38	
Babb, Edw. E. & Co.,	25.83	
Beale Short Hand Co.	10.46	
Briggs, George,	7.50	
Baker and Taylor,	1.13	
Century Co., The	12.50	
Educational Publishing Co.,	40.05	
Ginn and Company,	238.93	
Graff, Chas. E.,	1.20	
Hutchinson, H. S. & Co.,	48.69	
Heath, D. C. & Co.,	45.58	
Houghton, Mifflin & Co.,	74.88	
Longmans, Green & Co.,	4.50	
Little, Brown & Co.,	8.00	
Mason, Perry & Co.,	90.00	
Morse Co., The	38.03	
Mass. Society for Prevention of Cruelty to Animals,	.50	
Munn & Co.,	2.50	
N. E. Publishing Co.,	6.24	
Prang Educational Co.,	4.00	
Silver, Burdett & Co.	42.76	
Shewell & Co., Thomas R.	2.99	
Taber, Robert W.,	20.75	
University Publishing Co.,	20.52	
Witter, J. C. & Co.,	8.00	
Whidden, Bradlee,	42.00	
Werner School Book Co.,	4.80	\$981.75

## PEDAGOGICAL LIBRARY.

Appleton, D. & Co.,	\$1.00
Babb, Edw. E. & Co.,	.70
Barnes, A. S. & Co.,	2.73
Ginn and Company,	1.86

Hutchinson, H. S. & Co.,	5.66	
Hammett, J. L. & Co.,	2.70	
Heath, D. C. & Co.,	1.34	
Longmans, Green & Co.,	1.90	
The Prang Educational Co.	1.56	
Scribner's Sons,	3.04	
Scott, Forsman & Co.,	1.00	23.49

## MUSIC.

Boden, E. Jr.,	\$3.50	
Ditson, Oliver,	2.40	
Peirce, George,	427.25	433.15

## BINDING AND COVERING BOOKS.

Collins, Williston H.,	\$41.80	
Holden Pat. Book Cover Co.,	193.99	235.79

## PRIMARY DEPARTMENT.

Goodhue, L. P.,	\$1.12	
Perry, Geo. S. & Co.,	150.96	152.08

## APPARATUS.

Thompson, A. T. & Co.,	\$194.00	194.00
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## SEWING DEPARTMENT.

Haskell and Tripp,	\$36.28	
Johnson, Catherine F.,	10.00	
Taber, Robert W.,	1.50	47.78

## MISCELLANEOUS.

Appleton, D. & Co.,	\$ .10	
Babb, Edw. E. & Co.,	.09	
Bardeen, C. W.,	.54	
Boston School Supply Co.,	.14	
Baker & Taylor,	.15	
Ginn & Co.,	4.36	
Heath, D. C. & Co.,	5.94	
Hammett, J. L. & Co.,	62.40	
Holden Patent Book Cover Co.,	.40	
Library Bureau,	11.00	
Prang Educational Co.,	.76	
Shewell, Thomas R.,	.16	
Taber, Robert W.,	2.85	88.89
		<hr/>
		\$2,156.93

## TEXT BOOKS AND SUPPLIES.

## STATEMENT.

Cost of books and supplies purchased during 1899,	\$6,890.88
Cost of books and supplies in stock Dec. 4, 1899,	2,479.49
	<hr/>
	\$9,370.37
Cost of books and supplies charged to schools in 1899,	\$6,924.21
Cost of books and supplies in stock Dec. 4, 1899,	2,370.16
Cash receipts from the sale of books and supplies,	76.00
	<hr/>
	\$9,370.37

The cost in detail of books and supplies furnished the the several schools for the year 1899 is as follows :

	Supplies.	Books.	Total.
High school,	\$1,062.00	\$336.63	\$1,398.63
Fifth Street Grammar school,	113.57	335.23	448.80
Middle Street Grammar school,	185.49	261.28	446.77
Parker Street Grammar school,	350.27	543.38	893.65
Thompson Street Grammar school,	166.03	471.23	637.26
Phillips Avenue school,	162.50	75.96	238.46
Acushnet Avenue school,	58.00	43.42	101.42
I. W. Benjamin Primary school,	126.13	58.71	184.84
Cedar Street Primary school,	83.86	60.80	144.66
Cedar Grove Street Primary school,	167.29	121.70	288.99
Clark Street Primary school,	94.50	67.18	161.68
Cannonville Primary school,	16.42	14.83	31.25
Dartmouth Street Primary school,	89.47	52.58	142.05
George H. Dunbar Primary school,	94.11	46.92	141.03
Thomas A. Greene Primary school,	99.87	61.24	161.11
Sylvia Ann Howland Primary school,	55.74	30.56	86.30
Merrimac Street Primary school,	68.35	65.03	133.38
William H. Taylor school,	58.08	115.73	173.81
Mary B. White Primary school,	40.61	37.63	78.24
Harrington Normal and Training school,	87.15	94.04	181.19
North Mill school,	16.55	21.34	37.89
South Mill school,	7.13	8.45	15.58
Acushnet school,	40.81	45.11	85.92
North school,	34.24	43.76	78.00
Plainville school,	12.08	6.11	18.19



Rockdale school,	13.98	31.51	45.49
Cedar Grove Street Evening school,	11.25	32.94	44.19
Parker Street Evening school,	2.10	24.78	26.88
Phillipps Avenue Evening school,		2.40	2.40
Fifth Street Evening school,	6.39	11.13	17.52
Thompson Street Evening school,	8.85	7.24	16.09
Evening High school,	182.83	144.35	327.18
Evening Drawing school,	101.21		101.21
Cooking school,	12.70		12.70
Manual Training school,	7.49		7.49
Sewing department,	1.04		1.04
Drawing department,	3.27	1.24	4.51
Kindergarten department,	2.91		2.91
Office,	5.50		5.50
Total,	<u>\$3,649.77</u>	<u>\$3,274.44</u>	<u>\$6,924.21</u>

The average cost per pupil in the different departments of the schools, for text-books and supplies has been as follows :

High school,	\$4.03
Harrington Normal and Training school,	.65
Grammar schools,	1.27
Primary schools,	.43
Country schools,	1.17
Mill schools,	.47
Average for day schools,	.86
Average for Elementary Evening schools,	.09
Average for Evening High school,	2.32
Average for Evening Drawing school,	2.15

These figures do not show the actual cost per pupil for text-books and supplies, but the expenditure per pupil from amount raised by taxation. All musical instruments, supplementary readers, reference books, and certain kinds of apparatus are purchased from the income of the Sylvia Ann Howland fund. The actual cost per pupil for text-books and supplies used in instruction would, therefore, be the above figures, increased by the amount per pupil expended from the income of the trust fund.

## THE SCHOOL CENSUS.

In accordance with the change made in the law relating the time when the school census should be taken, it was taken this year in September instead of in May as heretofore. The returns made by the takers of it showed a decrease of 393 children in the city between the ages of five and fifteen years since May of the preceding year. But two wards showed an increase. Ward six showed an increase of 126; ward two an increase of 23; wards one, three, four and five showed decreases respectively of 233, 68, 180, and 61 children.

There is no question in my mind but the takers of the census were efficient and faithful in the discharge of their duties, but the conditions are such that I am inclined to think that it is impossible to secure returns that approximate closely the actual child population of the city without subdividing some census areas and expending more money for the work. On the other hand, I doubt if the value of the returns would justify any change in the present method of securing them. Many children were absent from the city temporarily during the month of September I have reason to know. Many families had not returned to the city from their summer sojourn and a number were away picking cranberries. This I know, and it is evidenced also by the fact that there were many more pupils enrolled in the schools for October than for September. The returns from all the schools of the city, public, private, and parochial, show that there has been no decrease in the school population for the year, while they also show that there was little if any increase.

## EXPENDITURES.

The amount expended by the department for the year exclusive of the amounts expended from the Dog fund and the Sylvia Ann Howland fund bequest was \$197,203.79. This was \$9,675.57 less than was expended in 1898. For teachers' salaries \$1,244.04 more were expended; for incidentals, including salaries, books and supplies, fuel, etc., \$2,218.33 less; for repairs of buildings, \$8,688.41 less; for kindergartens, \$12.87 less. Almost all the saving was made in repairs of buildings and in the amount expended for books and supplies. The cost per pupil for the day schools was \$25.23, as against \$26.03 for 1898.

Each year the expenditures for schools in the various cities and towns of the Commonwealth are computed and comparisons instituted. These comparisons have little value in many cases for the reason that the bases of comparisons are not the same. Even in our own city the basis changes from year to year especially in regard to total expenditures. For instance in 1898 all the repairs and alterations on schoolhouses were made by the School Committee and appear in the expenditures of the department. In 1899 the repairs and alterations on the Harrington schoolhouse were made by the City Property Committee of the City Council and do not appear in the accounts of the School Committee. This is but one instance of many where the actual and apparent expenditures lead to false conclusions. When comparisons are instituted between the amounts expended per pupil in different cities the makers of them are still more liable to erroneous conclusions. There is no intention on the part of anyone to deceive in these matters, but no two cities in the state conduct their schools on just the same plan in many particulars or keep their accounts alike.

The increasing expense of the schools in common with other public expenditures is the source of much public discussion. Especially is this true in the West, where the amount expended for schools bears much larger ratio to the other public expenses than in the East. But even here the pressure is felt and appropriations are being reduced. Unfortunately the educational side suffers first, usually. Special lines of instruction are cut off, or teachers' salaries are reduced. These are the last that should be touched, if it becomes necessary to reduce expenses. Schools are not yet run on sound business principles in many places. It is a question whether they ever will be under the plan by which they are administered almost everywhere at the present time. When the public really desires a change it will have it and not before.

Respectfully submitted,

WM. E. HATCH,

Secretary.

# AVERAGE AGE OF PUPILS IN VARIOUS GRADES.

## HIGH SCHOOL.

Senior.		Sub-Senior.		Junior.		Sub-Junior.		Average Age.	
Yrs. Mos.		Yrs. Mos.		Yrs. Mos.		Yrs. Mos.		Yrs. Mos.	
18	1	17	5	16	8	15	6	16	11

## GRAMMAR DEPARTMENT.

SCHOOL.	Fifth Year.	Sixth Year.	Seventh Year.	Eighth Year.	Ninth Year.	Average Age.
	Yrs. Mos	Yrs. Mos	Yrs. Mos	Yrs. Mos	Yrs. Mos	Yrs. Mos
Fifth street,	11 8	12 2	13 3	14 1	14 8	
Middle street,	11 2	12 4	13 5	13 11	15 1	
Parker street,	11 8	12 8	13 1	13 11	14 5	
Thompson street,	11 9	12 5	13	13 6		
Phillips avenue,	12 2	13	14 2			
William H. Taylor,	12 6	13 1	14			
Harrington Normal and Training,	11 7	12 7				
Ave. age by grades,	11 9	12 7	13 6	13 10	14 9	13 6

# AVERAGE AGE OF PUPILS IN VARIOUS GRADES.

## PRIMARY DEPARTMENT.

SCHOOL.	First Year.		Second Year.		Third Year.		Fourth Year.		Average Age.
	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.	
Phillips avenue,	6	2	8		10	4	10	8	
William H. Taylor,	6	9	8	4	9	7	11	9	
Harrington Normal and Training,	6	5	7	6	9	7	10	5	
Acushnet avenue,	6	11	9	2	10	1	11	1	
I. W. Benjamin,	6	11	8		9	6	11		
Cedar Grove street,	7	6	8	11	10	6	11	6	
Cedar street,	6	5	7	9	8	11	10		
Clark street,	6	8	8	2	9	8	10	9	
Cannonville,	6	9	7	7	9		10	11	
Dartmouth street,	6	3	8		9	3	9	8	
George H. Dunbar,	7	3	9	2	10	9	10	11	
Thomas A. Greene,	6	8	8	5	9	11	10	9	
Sylvia Ann Howland,	6	9	8	6	9	1	10	5	
Merrimac street,	6	6	8	4	9	5	10	7	
Mary B. White,	6	6	7	11	9	2	9	11	
Average age by grades,	6	8	8	3	9	8	10	8	8 10



## UNGRADED SCHOOLS.

SCHOOL.	Grammar Department.		Primary Department.		Average Age	
	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.
Acushnet,	12	9	8	10		
North,	12	1	8	2		
Plainville,	14	1	7	10		
Rockdale,	12	3	8	6		
North Mill,	13	9	13	6		
South Mill,	13	6	13	6		
Average age by departments,	13	1	10	1	11	7

## KINDERGARTENS.

SCHOOL.	Yrs.	Mos.	
North,	4	11	
Harrington,	4	8	
South,	4	9	
Average age,	4	9	

## DEPARTMENT OF PUBLIC SCHOOLS.

REPORT FOR YEAR BEGINNING JANUARY 9, 1899, ENDING DECEMBER 22, 1899.

NAME OF SCHOOL.	Total enrollment for year.		Average No. belonging.	Average daily attendance.	Per cent. of attendance.	Total half days absence.	No. cases of tardiness.	No. cases of dismissal.	No. cases of truancy.	No. cases of corporal punishment.	Half days teacher was absent.	Times teacher was tardy.	No. visits by Superintendent.	No. visits by members committee.	No. visits by parents and others.	Suspensions.
	Boys.	Girls.														
The High,	190	303	347	331	95.3	3,009	1,551	327	2		11	21	41	9	36	2
Harrington Training,	196	175	279	257	91.7	6 001	635	199	7	20	28	2	29	5	76	
Fifth Street Grammar,	280	266	428	398	92.9	11,346	1,254	1,282	12	43	5	17	32	18	479	2
Middle Street Grammar,	243	280	403	373	92.5	10,339	798	850	16	44	20	9	34	14	401	
Parker Street Grammar,	317	374	557	535	96.0	8,054	584	421	11	11	57	14	36	14	502	
Thompson Street Grammar,	292	266	450	422	93.7	10,290	207	146	21	52	59	3	36	14	335	
William H. Taylor Grammar,	40	46	42	40	95.2	907	27	119	4				15	9	41	
Phillips Avenue Grammar,	96	99	160	150	93.7	3,736	106	185	4	14	14	3	17	4	141	
	1,268	1,331	2,040	1,918	94.0	45,272	2,976	3,003	68	153	155	46	170	59	1,899	4
Acushnet Avenue Primary,	215	237	448	411	91.7	13,692	859	2,709	22	76	33	4	19		32	1
I. W. Benjamin Primary,	408	380	699	641	91.7	21,738	806	9,948	29	29	69	6	34	22	109	
Cedar Grove Street Primary,	437	435	629	564	89.6	24,101	566	7,135	72	87	94	17	44		81	
Cedar Street Primary,	173	150	306	287	93.7	7,000	470	288	4	6	60	2	23	2	64	
Clark Street Primary,	213	213	359	329	91.6	10,931	574	211	5	31	79	2	21	2	74	
Cannonville Primary,	38	29	81	75	91.8	2,571	283	61		10	12	1	4	2	36	
Dartmouth Street Primary,	164	162	304	284	93.4	7,542	384	336	5	60	64	1	16	1	176	
George H. Dunbar Primary,	176	171	288	261	90.7	9,956	236	1,917	12	47	23		16	5	84	
Thomas A. Greene Primary,	225	213	382	343	89.7	14,328	997	417	19	78	70	14	31	1	156	

Sylvia Ann Howland Primary,	106	127	207	183	89.0	8,995	599	284	4	41	71	22	65
Merrimac Street Primary,	160	130	259	231	89.5	10,540	610	2,480	2	19	42	18	55
Phillips Avenue Primary,	114	92	156	144	92.3	4,624	185	1,627		3	10	11	81
William H. Taylor Primary,	103	75	137	126	91.9	3,972	114	1,421		1	34	21	54
Mary B. White Primary,	109	82	171	153	89.8	6,574	331	347	7	36	122	12	277
	2,641	2,496	4,426	4,032	91.0	146,764	7,024	29,181	181	524	783	292	1,344
North Mill School,	55	24	32	28	87.5	1,580	200	44	22	23	1	6	1
South Mill School,	130	47	80	73	91.2	2,567	46	49	9	40	1	4	23
	185	71	112	101	90.1	4,097	246	93	31	63	1	10	24
Acushnet School,	61	63	101	91	90.0	3,874	244	57		12	6	7	57
North School,	33	29	48	42	91.6	1,662	120	56			1	4	15
Plainville School,	7	10	12	11	91.6	446	52	32			3	2	6
Rockdale School,	20	21	34	29	85.2	1,972	143	88		13	6	3	1
	121	123	195	173	88.7	7,954	559	293		25	16	16	78
	9,100												
	4,601	4,439	7,399	6,812	92.0	213,097	12,991	33,036	289	785	994	558	3,457
	9,140												6
	4,546	4,594	7,490	6,966	93.0	189,286	13,446	23,886	301	913	797	551	5
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## DEPARTMENT OF PUBLIC SCHOOLS.

MANUAL TRAINING SCHOOL. REPORT FOR YEAR BEGINNING JANUARY 9, 1899, ENDING  
DECEMBER 22, 1899.

NAME OF TEACHER.	Total enrollment for year.		Average No. belonging.	Average attendance.	Per cent. of attendance.	Total No. of absence.	No. cases of tardiness.	No. cases of dismissal.	No. visits by superintendent.	No. visits by members committee.
	Boys.									
Edwin R. King,	731		435	417	95.8	367	16	4	6	3

## DEPARTMENT OF PUBLIC SCHOOLS.

COOKING SCHOOL. REPORT FOR YEAR BEGINNING JANUARY 9, 1899, ENDING  
DECEMBER 22, 1899.

NAME OF TEACHER.	Total enrollment for year.		Average No. belonging.	Average attendance.	Per cent. of attendance.	No. cases of absence.	No. cases of tardiness.	No. cases of dismissal.	No. visits by superintendent.	No. visits by members committee.
	Boys.	Girls.								
Jan. 9 to June 30—Elizabeth C. Sprague. Sept. 5 to Dec. 22—S. Agnes Donham.	480		294	298	91.0	524	48	12	6	3

## DEPARTMENT OF PUBLIC SCHOOLS.

KINDERGARTENS. REPORT FOR YEAR BEGINNING JANUARY 9, 1899, ENDING  
DECEMBER 22, 1899.

NAME OF SCHOOL.	Total enrollment for year.		Average No. belonging.	Average daily attendance.	Per cent. of attendance.	Total half days absence.	No. cases of tardiness.	No. cases of dismissal.	Half days teacher was absent.	Times teacher was tardy.	No. visits by Superintendent.	No. visits by members committee.	No. visits by parents and others.
	Boys.	Girls.											
Cedar Grove Street Kindergarten. Harrington Kindergarten. South Kindergarten.	34	35	49	41	82.6	1,532	71	6	1	3	2	4	42
	41	52	39	34	87.1	967	112		41		2	1	
	44	44	41	34	82.9	1,274	229				3	1	
	250												
TOTAL,	119	131	129	109	84.4	3,773	412	6	42	3	7	6	42

## DEPARTMENT OF PUBLIC SCHOOLS.

EVENING HIGH SCHOOL. REPORT FOR NINE WEEKS BEGINNING OCTOBER 23, 1899,  
ENDING DECEMBER 20, 1899.

NAME OF SCHOOL.	Total enrollment for nine weeks.		Average No. belonging.	Average nightly attendance.	Per cent. of attendance.	Total nights absence.	No. cases of tardiness.	Times teacher was tardy.	No. visits by Superintendent.	No. visits by members committee.
	Boys.	Girls.								
Evening High School.	108	83	191	109	67.5	854	137	1	2	8



## DEPARTMENT OF PUBLIC SCHOOLS.

ELEMENTARY EVENING SCHOOLS. REPORT FOR YEAR BEGINNING JANUARY 9, 1899,  
ENDING DECEMBER 22, 1899.

NAME OF SCHOOL.	Total enrollment for year		Average No. belonging.	Average night-ly attendance.	Per cent. of attendance.	Total nights absence.	No. cases of tardiness.	No. cases of dismissal.	No. cases of truancy.	Nights teacher was absent.	Times teacher was tardy.	No. visits by Superintendent.	No. visits by members committee.	No. visits by parents and others.
	Boys.	Girls.												
Cedar Grove Street Evening.	354	263	400	318	79.5	3,280	154	3	16	2	4		57	
Phillips Avenue Evening.	119	57	85	69	81.1	666	24	8		1	8		12	
Parker Street Evening.	287	157	197	165	83.7	1,238	104			2	3	6	30	
Fifth Street Evening.	275	143	240	200	83.3	1,604	229			12		15	8	
Thompson Street Evening.	411	133	255	200	78.4	2,203						12	19	7
	2,262													
GRAND TOTALS 1899.	1,449	813	1,177	952	80.8	9,011	571	11	16	17	15	33	126	7
	2,283													
GRAND TOTALS 1898.	1,502	751	1,125	884	79.	9,956	715	8		15	3	13	177	8

## DEPARTMENT OF PUBLIC SCHOOLS.

EVENING DRAWING SCHOOL. REPORT FOR YEAR BEGINNING  
JANUARY 9, 1899, ENDING DECEMBER 22, 1899.

NAME OF SCHOOL.	Total enrollment for year.		Average No. belonging.	Average night attendance.	Per cent. of attendance.	Total nights absence.
	Boys.	Girls.				
Year 1899.	102		47	32	68.0	491
	95	7				
Year 1898.	107		48	39	81.0	389
	97	10				

## PRIVATE AND PAROCHIAL SCHOOLS.

REPORT FOR YEAR BEGINNING JANUARY 9, 1899, ENDING DECEMBER, 22, 1899,

NAME OF SCHOOL.	Total enrollment for year.		Average No. belonging.	Average daily attendance.	Per cent. of attendance.	Under 5 years.	Between 5 and 8 years.	Between 8 and 14 years.	Between 14 and 15 years.	Between 15 and 16 years.	Over 16 years.
	Boys.	Girls.									
St. Joseph's Parochial school.	431	453	783.	757.	96.6		415	241	85	15	27
St. Mary's Parochial school.	257	277	483.	435.	90.		128	391	14	1	
St. Mary's Home.	45	96	71.	71.	98.1		19	52			
Sacred Heart school.	404	426	792.	762.	97.5	79	104	580	58	6	3
St. Anthony's Parochial school.	259	242	440.	425.	96.5		81	344	10	2	2
St. Hyacinth Parochial school.	259	225	385.	295.	76.	5	202	251	8	5	5
The Friend's Academy.	22	46	60.	54.	90.			30	9	14	15
Mr. Mosher's Home Preparatory school.	34	29	37.3	34.8	93.2			13	6	9	35
Miss Helen Bonney.	19	24	32.	28.	77.	11		4			
Mrs. E. E. Waite.	8	13	21.	19.8	95.			18			
The Almwell school.	9	12	14.9	13.8	92.4	1	4	16	3	1	1
Miss Gardner's school.	23	4	21.	18.	85.7	7	7	2			
	3,527										
	1,750	1,777	3,140.2	2,913.4	92.7	104	981	1,942	193	53	83

## NEW BEDFORD PUBLIC SCHOOLS.

RATES OF TUITION FOR NON-RESIDENT PUPILS FOR SUMMER  
AND FALL TERM, 1900, WINTER TERM, 1901.

	First Term.	Second Term.	Third Term.	For the Year.
High school,	\$20.03	\$20.03	\$26.71	\$66.77
Grammar schools,	7.65	7.65	10.21	25.51
Primary schools,	6.00	6.00	8.02	20.02
Harrington Normal and Training school,	11.52	11.52	15.38	38.42
Ungraded schools,	11.83	11.83	15.79	39.45
Evening Drawing school,				13.55

## DEPARTMENT OF PUBLIC SCHOOLS.

BRIEF DESCRIPTION OF THE SCHOOLHOUSES, WITH THEIR  
ACCOMMODATIONS AND CONDITIONS.

	SCHOOLS.	NAMED FOR.	Material.	Number of Stories.	Number of School rooms.	No. of Recitation rooms.	No. of Assembly halls.	Number of Seats.	Year Completed.	Condition.
1	Acushnet.	Avenue.	Brick.	2	10			490	1878	Good.
2	Acushnet.	Location.	Wood.	2	3			115	1889	Good.
3	I. W. Benjamin.	Isaac W. Benjamin.	Brick.	3	12			591	1891	Good.
4	Cedar.	Street.	Wood.	2	6			294		Good.
5	Cedar Grove.	Street.	Brick.	3	15			743	1883	Good.
6	Clark.	Street.	Brick.	2	8			432	1897	Good.
7	Cannonville.	Location.	Wood.	2	2			89	1853	Fair.
8	G. H. Dunbar.	George H. Dunbar.	Brick.	2	2			390	1897	Good.
9	Dartmouth.	Street.	Wood.	2	8			392	1855	Good.
10	Fifth.	Street.	Brick.	3	10		1	490	1860	Good.
11	Thomas A. Greene.	Thomas A. Greene.	Brick.	2	10			463	1894	Good.
12	High.	Grades.	Brick.	3	10	4	1	381	1876	Good.
13	Harrington Memorial.	Henry F. Harrington.	Brick.	3	10		1	429	1889	Good.
14	Sylvia Ann Howland.	Sylvia Ann Howland.	Brick.	3	7			245	1893	Good.
15	Linden.	Street.	Wood.	2	4			122		Old.
16	Middle.	Street.	Brick.	3	9		1	437	1844	Good.
17	Merrimac.	Street.	Brick.	2	6			277	1857	Good.
18	North.	Location.	Wood.	1	2			77	1852	Good.
19	Parker.	Street.	Brick.	3	12		1	579	1852	Good.
20	Phillips.	Avenue.	Brick.	2	8			358	1897	Good.
21	Plainville.	Location.	Wood.	1	1			39		Fair.
22	Rockdale.	Location.	Wood.	1	2			58	1855	Fair.
23	Thompson.	Street.	Brick.	3	10			484	1885	Good.
24	William H. Taylor.	William H. Taylor.	Brick.	2	8			292	1898	Good.
25	Mary B. White.	Mary B. White.	Brick.	2	4			195	1881	Good.

## RULES GOVERNING TEACHERS' SALARIES.

The salary of a principal of a complete Grammar school, containing at least ten rooms and all the grades, is \$1,900 per annum. The salary of a principal of a partially developed Grammar school or a mixed Grammar and Primary school varies with the size of the school and experience of the principal. Maximum salary now made for such schools, \$1,200.

The salary of a Primary school principal of a four-room building is \$600 per year, which is increased at the rate of \$25 for each additional room.

The salaries of assistant teachers in the High school are increased at the rate of \$50 per year until the maximum is reached.

The minimum yearly salary of a Grammar school assistant is fixed at \$425, and the yearly advance is \$25 per year until a yearly salary of \$500 is reached; the annual increase is then \$50 per annum until the maximum (\$600) is reached. Principal's assistants only are paid \$675.

The minimum yearly salary of a Primary school assistant is fixed at \$400, and the yearly advance is \$25 per year until a yearly salary of \$450 is reached; the annual increase is then \$50 per annum until the maximum (\$550) is reached.

## SALARIES.

## HIGH SCHOOL.

Principal,	\$2,750
Sub-master,	1,800
Science teacher,	1,700
Classics and Science teacher,	1,600
Teacher of Commercial course,	1,500
Lady assistants,	650 to 1,000
Military instructor,	300



## NORMAL AND TRAINING SCHOOL.

Principal,	\$1,500
Vice-principal,	1,100
Science teacher in Normal department and Primary grades,	900
Senior,	4 per week

## ELEMENTARY SCHOOLS.

## GRAMMAR.

Principals of complete schools,	\$1,900
Principals of partial schools,	750 to 1,200
Assistants in ninth grades,	675
Assistants in other grades,	425 to 600

## PRIMARY.

Principals,	\$600 to 950
Assistants,	400 to 550

## UNGRADED.

Principals,	\$600 to 700
Assistants,	400 to 600

## EVENING SCHOOLS.

## HIGH.

Principal,	\$5.00 per night
Assistants,	1.00 to 3.50 per night

## ELEMENTARY.

Principals,	\$3.00 to 3.50 per night
Assistants,	1.50 per night

## EVENING DRAWING.

Principal,	\$4.50 per night
Assistants,	3.00 per night

## CALENDAR, 1900.

Winter term begins Jan. 8, 1900; ends March 30, 1900.

Summer term begins April 9, 1900; ends June 29, 1900.

Fall term begins Sept. 4, 1900; ends Dec. 21, 1900.

## VACATIONS.

March 31, 1900 to April 9, 1900.

June 30, 1900 to September 4, 1900.

December 22, 1900 to January 7, 1901.

## HOLIDAYS.

Every Saturday; Washington's Birthday; Patriots' Day; Memorial Day; from Wednesday noon before Thanksgiving the remainder of the week.

## SCHOOL SESSIONS.

Grammar, Manual Training and Mill schools: From March 1 to November 1, 9 A. M. to 11.45 A. M., 1.45 P. M. to 4 P. M.; from November 1 to March 1, 9 A. M. to 11.45 A. M., 1.30 P. M. to 3.45 P. M.

Primary schools: From March 1 to November 1, 9 A. M. to 12 M., 2 P. M. to 4 P. M.; from November 1 to March 1, 9 A. M. to 11.40 A. M., without recess, 1.30 P. M. to 3.30 P. M.

High school: 8.30 A. M. to 1.30 P. M., during the whole year.

Country schools: Sessions as prescribed by the Committee on Ungraded schools.

The signal for no session is two strokes of the fire alarm once repeated (2-2).

When given at 8.15 A. M. the morning session shall be omitted.

When given at 12.45 P. M. the afternoon session shall be omitted.

This regulation does not apply to the High school or to the Ungraded schools except those designated by the Board.

The no-session signal on stormy days shall not apply to the sessions of the Manual Training or the Cooking schools; and pupils attending those schools shall not be excused for non-attendance upon them on account of the no-session signal.

1827-1899.

GRADUATING EXERCISES NEW BEDFORD  
HIGH SCHOOL.

JUNE 30, 1899.

*Programme :*

1. OVERTURE. Poet and Peasant. Suppe.  
ORCHESTRA.
2. Prayer.  
BY THE REV. JOHN A. MACCOLL.
3. ESSAY AND SALUTATORY. School Government, as it is and  
as it should be.  
WILLIAM OGDEN LORD.
4. CONCERT WALTZ. Imogen. Wheeler.  
ORCHESTRA.
5. BOURNE PRIZE ESSAYS;  
First: International Arbitration.  
ELIJAH HOWARD BERTRAM HUMPHRIES.  
Second: Do we study for the sake of information or training?  
ELIZABETH ROSE GEILS.  
Third: The Marvels of the Closing Century.  
MATTIE IRENE HUMPHRIES.
6. BALLET CAPRICE. Sylvia. Jansen.  
ORCHESTRA.
7. ORATION. The Evolution of Arms and Armor.  
GEORGE OLIVER GARDNER.
8. SELECTED. Telephone Girl. Kerker  
ORCHESTRA.
9. ESSAY. Old Saws.  
BERTHA LYDIA PADELFORD.
10. GAVOTTE. Dance of the Daisies. Phelps.  
ORCHESTRA.
11. PRESENTATION OF DIPLOMAS AND ADDRESS.  
BY HON. F. A. MILLIKEN,  
Chairman of the High School Committee.
12. CLASS SONG. { Words by Curtis Henry Stiles.  
{ Music by Florence Eliza Pierce.

Four long years have we been gath'ring  
 Laurels that we now entwine,  
 Garlands that will keep in mem'ry  
 Parting days of "Ninety-nine."

Chorus—So by lives grown nobler, better,  
 Let us prove from day to day  
 That there is much good in study,  
 Good that will not pass away.

Wisdom lays a sure foundation  
 Upon which we all may build  
 Lofty structures, long enduring,  
 Lives in honor well fulfilled.

Architect of earth and Heaven  
 May we heed Thy wise commands  
 Guide Thou us in every detail  
 Show us each Thy perfect plans.

13. ESSAY AND VALEDICTORY,

An Appeal for an Alumni Association.  
 EDWARD WINSLOW HOLMES.

14. MARCH. The Idol's Eye.

Herbert.

ORCHESTRA.

## CLASS OF 1899.

*Fideli certa merces.*

### RECIPIENTS OF DIPLOMAS.

#### *Regular Course.*

Morris Ruggles Brownell,	Frank Leo Rogers,
Joseph Lawrence Dias,	Charles Shanks,
James Madison Gammons,	Curtis Henry Stiles,
George Oliver Gardner,	William Henry Tripp,
Edward Winslow Holmes,	Harry Chester Washburn,
Elijah Howard Bertram Humphries,	William Lawton Wing,
William Ogden Lord,	Ethel Davis Anthony,
Stephen Albert Lowe,	Mabel Isherwood Arnett,
Charles Edward McMurray,	Jane Elizabeth Conway,
Sydney Percival Packwood,	Sarah Ruth Cook,

Gertrude Lawrence Corish,  
Frances Perkins Cornish,  
Lottie Priscilla Cornell,  
Mary Elizabeth Durfee,  
Marcella Young Deacon,  
Elizabeth Rose Geils,  
Myra Hattie Grimshaw,  
Priscilla Tripp Hathaway,  
Saidie Viola Hayden,  
Mary Agnes Horan,  
Mary Beulah Howland,  
Mattie Irene Humphries,  
Louise Caroline Loughlin,  
Clara Hanson Luscomb,

Grace Mereton Nichols,  
Bessie Maria Nolan,  
Bertha Lydia Padleford,  
Florence Eliza Pierce,  
Ethel Pollard,  
Eliza Richard Potter,  
Elsie Etta Richardson,  
Ethel Evans Rounsevell,  
Anna Christina Rogers,  
Grace Dale Sherman,  
Mabell Isabell Solly,  
May Wise Weeks,  
Florence May Webber,  
Elizabeth Gibbs Wood.

*Commercial Course.*

Lawrence E. Bertram,  
James Timothy Murray,  
Walter Willard Powers,  
Ethel May Brownell,  
Edith Louise Jackson,  
Ethel May Keene,  
Amanda Josephine Norlander,

Nellie Cole Potter,  
Miriam Florence Simpson,  
Sarah Kempton Spooner,  
Anna Kristina Topholm,  
Elizabeth Simmons Taber,  
Jennie Louise Weston.

RECIPIENTS OF CERTIFICATES.

*Regular Course.*

Linda Hillman Chase.

*Commercial Course.*

Frederick George Tripp,  
Helen Estelle Fitts,

Eloise Church Sanford.

GRADUATING EXERCISES GRAMMAR AND  
UNGRADED SCHOOLS.

JUNE 29, 1899.

*Programme.*

## 1. PRAYER.

REV. J. FRANCIS COOPER.

## 2. SONG. Mighty Jehovah.

Rink

## 3. COMPOSITION. A Poem and a Picture.

MISS ELLA MAY SHERMAN, Fifth Street School.

## 4. COMPOSITION. "Many a Mickle makes a Muckle."

MISS MAUD L. CLARK, Parker Street School.

## 5. SONG. O Tender Buds.

Möhring

## 6. COMPOSITION. New Occasions Teach New Duties.

GEORGE CHARLES BRUCE, Middle Street School.

## 7. ADDRESS.

REV. JOSEPH S. SWAIM.

## 8. SONG. Evening Prayer.

Kruezer

## 9. PRESENTATION OF DIPLOMAS.

MR. ROBERT W. TABER, Chairman Committee on Grammar Schools.

MR. JOHN H. LOWE, Chairman Committee on Ungraded Schools.

Music conducted by MR. F. H. BUTTERFIELD, Supervisor of Music.

## THE GRADUATES ARE FROM THE FOLLOWING SCHOOLS.

*Grammar Schools.*

Fifth Street—Mr. Allen F. Wood, Principal.

Middle Street—Mr. George H. Tripp, Principal.

Parker Street—Mr. Arthur F. Gilbert, Principal.

*Ungraded Schools.*

Acushnet—Miss Annie C. Maxfield, Principal.

North—Miss Mary I. Ashley, Principal.

Rockdale—Miss Addie W. French, Principal.

Plainville—Miss Eudora Lawrence, Principal.

## TOTAL NUMBER GRADUATES.

Grammar Schools,	-	-	-	-	153
Ungraded Schools,	-	-	-	.	10
Grand total,	-	-	-	-	163



## SCHOOL BOARD, 1899.

CHARLES S. ASHLEY, Mayor, Chairman, *ex-officio*.

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ROBERT W. TABER, Vice-Chairman.

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WILLIAM E. HATCH, Secretary and Superintendent.

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JOHN L. G. MASON, President of Common Council, *ex-officio*.

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*Ward 1*—John H. Lowe, J. Frank Weeks, Frank R. Pease.

*Ward 2*—Lewis E. Bentley, Charles H. Holden, Frank A. Milliken.

*Ward 3*—John E. Gibbs, Joseph A. Wright, William H. Pitman.

*Ward 4*—Alex. McL. Goodspeed, Ada W. Tillinghast, Sylvia B. Knowlton.

*Ward 5*—Robert W. Taber, Betsey B. Winslow, Edmund S. Rousmaniere.

*Ward 6*—John F. Rogers, Arthur E. Buffington, Joseph C. Pothier.

## STANDING COMMITTEES.

WILLIAM E. HATCH, Secretary.

The first named on each Standing Committee is Chairman of the same.

*On High School*—Milliken, Pitman, Pothier, Winslow, Pease, Knowlton, Taber, Tillinghast, Rousmaniere, Buffington.

*On Grammar Schools*—Taber, Pitman, Pothier, Milliken, Lowe, Knowlton, Tillinghast, Winslow, Buffington, Wright.

*On Primary Schools and Kindergartens*—Pothier, Winslow, Weeks, Taber, Tillinghast, Lowe, Pease, Knowlton, Gibbs.

*On Ungraded and Evening Schools*—Lowe, Weeks, Holden, Wright, Pease, Rousmaniere, Rogers, Bentley, Goodspeed, Gibbs.

*On Normal and Training School and Examination of Teachers*—Knowlton, Milliken, Winslow, Buffington, Tillinghast, Rousmaniere, Goodspeed.

*On Truant School*—Holden, Buffington, Rogers, Gibbs, Bentley.

*On Manual Training and Music*—Pothier, Winslow, Knowlton, Weeks, Holden, Rousmaniere, Pease, Rogers, Bentley.

*On Text Books*—Tillinghast, Milliken, Pothier, Knowlton, Wright, Buffington, Goodspeed.

*On Expenditures*—Taber, Pitman, Milliken, Pease, Lowe, Wright, Pothier, Weeks, Holden, Mason.

*On Howland Fund*—Pitman, Taber, Milliken, Weeks, Buffington, Lowe, Pothier, Bentley, Mason.

*On Rules*—Rousmaniere, Wright, Holden, Rogers, Gibbs.

*Special Committee on Art*—Pitman, Rousmaniere, Tillinghast, Winslow, Goodspeed.

## SCHOOL BOARD, 1900.

CHARLES S. ASHLEY, Mayor, Chairman *ex-officio*.

ROBERT W. TABER, Vice-Chairman.

WILLIAM E. HATCH, Secretary and Superintendent.

Office, 166 William street.

Office Hours, 8.30 to 9. A. M., 12.30 to 1 P. M. Saturdays, 9 to 9.30 A.M.

JOHN L. G. MASON, President of the Common Council, *ex-officio*.

Regular meetings of the Board, first Monday of each month at 7.30 P. M., except in the months of January, August and September. In January and September the meetings will be held the Tuesday after the first Monday. In August no meeting will be held.

## WARD ONE.

<i>Name.</i>	<i>Place of Business.</i>	<i>Residence.</i>
Frank R. Pease,	923 Acushnet Ave.,	921 Acushnet avenue.
John H. Lowe,		935 Acushnet avenue.
J. Frank Weeks,	Cor. Acushnet av. and Tarkiln Hill road.	Cor. Acushnet av. and Tarkiln Hill road.

## WARD TWO.

Henry T. Corson,	639 County street,	643 County street.
Lewis E. Bentley,	Supt. Bennett Spinning Company.	526 Purchase street.
Charles H. Holden,	327 Cedar street,	327 Cedar street.

## WARD THREE.

Stephen H. Shepherd,	Standard Office,	154 Maxfield street.
John E. Gibbs,	Denison Bros. Co.,	149 Summer street.
Joseph A. Wright,	24 Pearl street,	411 Cedar street.

## WARD FOUR.

Frank A. Milliken,	Masonic Building,	8 Lincoln street.
Alex. McL. Goodspeed,	37 Purchase street,	20 Seventh street.
Ada W. Tillinghast,		37 Eighth street.

## WARD FIVE.

Paul R. Frothingham,		47 South Sixth street.
Robert W. Taber,	28 Pleasant street,	48 Fifth street.
Betsey B. Winslow,		315 County street.

## WARD SIX.

Joseph C. Pothier,	245 Fourth street,	247 Fourth street.
John F. Rogers,	100 Potomska street,	97 Acushnet avenue.
Arthur E. Buffington,	1 Crapo street,	27 Crapo street.

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EMMA M. ALMY, Superintendent's Clerk.

MARY C. POTTER, Assistant Clerk in Superintendent's Office.

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HENRY SMITH, Truant Officer,	372 Cottage street.
WILLIAM A. BAKER, Truant Officer,	213 Fourth street.

Office Hours, 12.30 to 1 P. M.; Saturdays, 9 to 9.30 A. M.

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GEORGE K. DAMMON, Janitor and Messenger, 137 Smith street.

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Office of Superintendent of Schools open from 8.30 A. M. to 4.30 P. M., except Saturdays. Saturdays, from 9 A. M. to 11 A. M., 2 P. M. to 4 P. M.

## STANDING COMMITTEES.

WILLIAM E. HATCH, Secretary.

The first named on each Standing Committee is Chairman of the same.

*On High School*—Milliken, Pothier, Winslow, Pease, Taber, Tillinghast, Frothingham, Buffington, Weeks, Wright.

*On Grammar Schools*—Taber, Pothier, Milliken, Lowe, Tillinghast, Winslow, Buffington, Wright, Bentley, Shepherd.

*On Primary Schools and Kindergartens*—Pothier, Winslow, Weeks, Taber, Tillinghast, Lowe, Pease, Gibbs, Rogers.

*On Ungraded and Evening Schools*—Lowe, Weeks, Holden, Wright, Pease, Rogers, Bentley, Goodspeed, Gibbs, Corson.

*On Normal and Training Schools and Examination of Teachers*—Frothingham, Milliken, Winslow, Buffington, Tillinghast, Goodspeed, Pothier.

*On Truant School*—Holden, Rogers, Gibbs, Goodspeed, Corson.

*On Manual Training and Music*—Weeks, Winslow, Holden, Frothingham, Pease, Rogers, Bentley, Shepherd, Corson.

*On Text Books*—Tillinghast, Milliken, Buffington, Goodspeed, Gibbs, Frothingham, Shepherd.

*On Expenditures*—Taber, Milliken, Pease, Lowe, Wright, Pothier, Weeks, Holden, Bentley, Mason.

*On Howland Fund*—Shepherd, Taber, Milliken, Weeks, Buffington, Lowe, Pothier, Bentley, Mason.

*On Rules*—Wright, Holden, Rogers, Gibbs, Corson.

*Special Committee on Art.*—Shepherd, Frothingham, Tillinghast, Winslow, Goodspeed.

APPROVED LIST OF TEXT-BOOKS TO BE  
USED IN THE HIGH SCHOOL.

SCIENCE.

Remsen's Chemistry.  
Allen's Laboratory Manual.  
Packard's Zoology.  
Youman's Botany.  
Avery's Natural Philosophy.  
Mill's Realm of Nature.  
Pierce's Problems in Physics.  
Gifford's Elementary Physics.  
Avery's School Physics.  
Stone's Experimental Physics.  
Elementary Physics—Harvard College.

GEOGRAPHY.

Tilden's Commercial Geography.

PHYSIOLOGY AND HYGIENE.

Hutchinson's Physiology and Hygiene.

MATHEMATICS.

Well's Academic Arithmetic.  
Wentworth's School Algebra.  
Wentworth's College Algebra.  
Wentworth's New Plane Geometry.  
Wentworth's Plane and Solid Geometry.  
Wentworth's Trigonometry.

BOOKKEEPING AND STENOGRAPHY.

Meservey's Bookkeeping.  
New Complete Bookkeeping, Williams and Rogers.  
Barnes' Shorthand Manual.  
Actual Guide to Business Practice, Ellis.  
Munson's Art of Phonography.  
Our Own Typewriter Instructor, Harper.  
A. T. Hill's Commercial Law.

HISTORY.

Barnes' History of Ancient Peoples.  
Swinton's Outlines World's History.  
Lancaster's History of England.  
Fiske's History of the United States.

Martin's Civil Government.  
Myer's History of Greece.  
Allen's Short History of the Roman People.  
Montgomery's Facts in English History.

## ENGLISH.

Addison's The Sir Roger de Coverly Papers.  
Brook's English Literature.  
Bryant's Thanatopsis and Others. English Classic Series.  
Buehler's Practical Exercises in English Composition.  
Burke On American Taxation.  
Burke On Conciliation with America.  
Chaucer's Prologue to the Canterbury Tales.  
Church's Stories from the Iliad.  
Church's Stories from Virgil.  
Cooper's Last of the Mohicans.  
Carlyle and Hawthorne, Modern Classics, Legends of the Province House.  
DeQuincey's Revolt of the Tartars.  
Dowden's Shakespeare.  
Dryden's Palamon and Arcite.  
Eliot's Silas Marner.  
Franklin's Autobiography.  
Hawthorne's House of the Seven Gables.  
D. J. Hill's Rhetoric and Composition.  
Holmes' The Chambered Nautilus.  
Irving's Sketch Book.  
Lewis' A First Book in Writing English.  
Lockwood's Lessons in English.  
Longfellow's Evangeline. Modern Classics.  
Longfellow's Tales of a Wayside Inn.  
Lowell's My Garden Acquaintance.  
Lowell's The Vision of Sir Launfal.  
Macaulay's Essays. Milton and Addison.  
Macaulay's Lays of Ancient Rome.  
Milton's Paradise Lost, Book I. Sprague.  
Palgrave's Golden Treasury.  
Pancoast's Introduction to American Literature.  
Pope's Iliad, Books I., VI., XXII., XXVI.  
Scott's Kenilworth.  
Scott's Lady of the Lake.  
Scott's Quentin Durward.  
Scott's Rob Roy.  
Scott's Lay of the Last Minstrel.



Shakespeare's *A Midsummer Night's Dream*. (Rolfe edition.)  
 Shakespeare's *As You Like It*, and *Julius Cæsar*. Vol. I. (Hudson edition.)  
 Shakespeare's *Hamlet*. (Hudson notes.)  
 Shakespeare's *Macbeth*.  
 Shakespeare's *Merchant of Venice*. (Hudson edition.)  
 Shakespeare's *Richard III*.  
 Southey's *Life of Nelson*.  
 Southworth and Goddard's *Elements of English Grammar*.  
 Spencer's *Færie Queen*, First Canto.  
 Swift's *Gulliver's Travels*. (Selections.)  
 Tennyson's *Elaine*.  
 Tennyson's *Guinevere*.  
 Tennyson's *The Coming and Passing of Arthur*.  
 Tennyson's *The Princess*.  
 Thackeray's *Vanity Fair*.  
 Underwood's *American Authors*.  
 Underwood's *British Authors*.  
 Webster's *First Bunker Hill Oration*.  
 Whitney-Lockwood's *English Grammar*.  
 Select *Essays and Poems*.

#### GERMAN.

Chamisso. *Peter Schlemil's Wundersame Geschichte*.  
 Eichendorf's *Aus dem Leben Eines Tagenichts*.  
 Freytag. *Aus dem Staat Friedrich's des Grossen*.  
 Goethe's *Hermann und Dorothea*.  
 Goethe's *Dichtung und Wahrheit*.  
 Grimm's *Haus Marchen*.  
 Harris's *German Lessons*.  
 Heine. *Die Harzreise*.  
 Joynes' Meissners' *German Grammar*.  
 Otto's *German Grammar*.  
 Lessing's *Mina von Barnhelm*.  
 Riehl's *Der Fluch der Schönheit*.  
 Schiller's *Wilhelm Tell*, *Das Glied von der Glocke*.  
 Von Hillern's *Hoher als die Kirche*.  
 Wenckebach's *Deutsche Grammatik*.  
 Wenckebach's *Lyrics and Ballads*, *Die Schonsten Deutschen Lieder*.

#### GREEK.

Autenrieth's *Homeric Lexicon*.  
 Boise's *Homer's Iliad*.  
 Gleason and Atherton's *First Greek Book*.  
 Goodwin's *Greek Grammar*.

Goodwin's Xenophon and Herodotus.  
Harper's Xenophon's Anabasis (for "Xenophon at Sight.")  
Jones's Greek Prose Composition.  
Manatt's Xenophon Hellenica, Books I-IV.  
Perrin's Homer's Odyssey (for "Homer at Sight.")  
White's First Lessons in Greek.  
Whiton's Abridgement of Liddell and Scott's Greek Lexicon.  
Woodruff's Greek Prose Composition.

## LATIN.

Allen and Greenough's Cæsar.  
Collar and Daniell's First Latin Book.  
Collar's Practical Latin Composition.  
Greenough's Virgil.  
Harkness's Cicero.  
Harkness's Latin Grammar.  
Harper's Virgil (for "Virgil at Sight").  
Jones's Latin Prose Composition.  
Kelsey's Selections from Ovid.  
Lindsay's Nepos.  
Via Latina, Collar.

## FRENCH.

About. La Mere de la Marquise.  
Bedolliere. La Mere Michael et sou Chat.  
Chardenal's Complete French Course.  
Corneille. Le Cid, Horace.  
Daudet. Le Siege de Berlin.  
De Lamartine. Graziella.  
De Vigny. Cinq Mars.  
Dumas. La Tulipe Noire.  
Eckmann-Chatrian. Le Conserit de 1813.  
Grandgent's Selections French Composition.  
Greville. Dosia.  
Halevy. Un Marriage d'Amour.  
Hennequin's Idiomatic French.  
Keetel's French Reader.  
Labiche. Le Voyage de M. Perrichon.  
La Famille de Germaudre. Sand.  
La Fontaine. Fables, Books I and II.  
Lamartine. Jeanne d'Arc.  
Merimee Colomba.  
Moliere. L'Avare.

Moliere. Le Bourgeois Gentilhomme.  
Racine. Andromaque, Iphigenie.  
Roullet's First Book in French Composition.  
Sand. Le Mare au Diable.  
Sandeau. Mademoiselle de la Seigliere.  
Scribe et Legouve. Bataille de Dames.  
Spier's and Surenné's French Dictionary.  
Super's French Reader.  
Van Daell's French Grammar.

### SUPPLEMENTARY BOOKS USED IN THE HIGH SCHOOL.

American Poems.  
Ancient Mariner.  
Anthon's Classical Dictionary.  
Appleton's School Physics.  
Bartlett's Familiar Quotations.  
Berlitz Methode für den deutschen Unterricht, Zweiter Theil.  
Boisen's German Prose.  
Brewer's Reader's Handbook.  
Bryant's Library of Poetry and Song.  
Carlyle's Essay on Burns.  
Carhart and Chute's Physics.  
Chamber's Encyclopedia.  
Chauvenet's Geometry.  
Childe Harold's Pilgrimage, Rolfe.  
Comus.  
Courtship of Miles Standish.  
Craik's English of Shakespeare, Julius Cæsar.  
David Copperfield, Dickens.  
Dictionary of Biology and Mythology.  
Earl of Chatham, Macauley.  
Emerson's Addresses and Lectures.  
Emerson's American Scholar.  
Emerson's Essays.  
Fiske's Civil Government.  
French Dictionary.  
Goldsmith's Plays.  
Goldsmith's Poems.  
Goldsmith's Traveller and Deserted Village.  
Grandgent's French Grammar.  
Grandgent's Materials based on La Dernière Classe.

Greene's Short History of England.  
Heath's German Dictionary.  
High School Music Reader.  
Holy Grail and Sir Gallahad.  
Hudson's Shakespeare, Vol. II.  
Ivanhoe, Scott.  
Kimball's Materials, Based on Colomba.  
Latin and English Lexicon.  
La Tour de la France.  
Lippincott's Gazetteer.  
Little Daffydowndilly, Hawthorne.  
Lodge's Mechanics.  
Lowell's Poems  
Luqien's French Prose.  
Macaulay's Essay on Johnson.  
Macaulay's Essays on Goldsmith, Bunyan, and Madame D'Aublay.  
Macaulay's Essay on Lord Clives.  
Macaulay's Life and Writings of Addison.  
McCurdy's Exercises in Algebra.  
Manual of Mythology.  
Martin's English Language.  
Materials of French Composition based on Le Siege de Berlin.  
Milton and Byron. Macaulay.  
Model Etymology. Webb.  
Myer's Mediæval and Modern History.  
Patriotic Selections.  
Perry's Bible Manual.  
Phillpot's Selections from Xenophon, Part 1.  
Richardson's Chemistry.  
Scott's Poems.  
Scott's Woodstock.  
Selected Poems, Browning.  
Selected Poems, Wordsworth.  
Shaler's First Book in Geology.  
Shelley's The Skylark and Adonais.  
Smith's Principia Latina.  
Smith's Smaller History of Greece.  
Sprague's Masterpieces in English Literature.  
Stein's German Exercises.  
Strang's Exercises in English.  
Tales of a Traveller, Irving  
Tennyson's Poems, Complete.  
Thackeray's Essays on Prior, Gay, Pope, Hogarth, Smollett, Fielding,  
Sterne and Goldsmith.  
Thackeray's Essays on Swift, Congreve and Steele.

The Abbott, Scott.  
The Four Georges, Thackeray.  
The Euterpean.  
The Foundations of Rhetoric, A. S. Hill.  
The Plague Year, DeFoe.  
The Talisman, Scott.  
Vicar of Wakefield.  
Webster's Unabridged Dictionary.  
Well's Plane and Solid Geometry.  
Wenckebach's Anschauung's Unterricht.  
Wentworth and Hill's Algebra.  
Wheeler's Logarithms.  
Wheeler's Trigonometry.  
White's Arithmetic.  
Whittier's Poems.  
Worcester's Small Dictionary.  
Woodsworth's The Excursion.  
Worman's German Echo.

### TEXT-BOOKS USED IN THE GRAMMAR SCHOOLS.

Franklin New Fourth Reader.  
Franklin New Fifth Reader.  
Franklin Sixth Reader.  
Bradbury's Eaton's Elementary Arithmetic.  
Bradbury's Eaton's Practical Arithmetic.  
Prince's Arithmetic, Part IV.  
Prince's Arithmetic, Part V.  
Prince's Arithmetic, Part VI.  
Seaver and Walton's Mental Arithmetic.  
Longman's Geography.  
Longman's Atlas.  
Redway's Natural Advanced Geography.  
Redway's Natural Elementary Geography.  
Webster's Academic Dictionary.  
Webster's High School Dictionary.  
Barnes' History of the United States.  
Hyde's Language Lessons, Part I.  
Hyde's Language Lessons, Part II.  
Hyde's Language Lessons, Advanced.  
Harrington's Speller, Parts I and II.  
May's Anatomy, Physiology and Hygiene.

Blaisdell's How to Keep Well.  
Gifford's Elementary Physics.  
Judson's The Young American.  
National New Second Music Reader.  
National New Third Music Reader.  
National New Fourth Music Reader.  
Prang's Drawing Books.  
Merrill's Vertical Writing Books.

## APPROVED LIST OF SUPPLEMENTARY BOOKS USED IN GRAMMAR SCHOOLS.

### GRADE V.

1. Our World, No. 1.
2. Seaside and Wayside, No. 2.
3. Stories of American Life and Adventure.
4. Old Greek Stories.
5. Heart of Oak Series, No. 3.
6. Longfellow Leaflets.

### SPECIAL STUDY IN LITERATURE.

Building of the Ship, Longfellow.

### GRADE VI.

1. Eggleston's Elementary History of U. S.
2. Seaside and Wayside, No. 3.
3. King of the Golden River, Ruskin.
4. Dana's Plants and Their Children (also in VII.)
5. Old Stories of the East.
6. Gods and Heroes, Francillon.
7. Heart of Oak Series, No. 4.

### SPECIAL STUDY IN LITERATURE.

Courtship of Miles Standish.

### GRADE VII.

1. Higginson's Young Folks History U. S.
2. Hawthorne's Grandfather's Chair.
3. Kingsley's Water Babies.
4. The Story of Greece, Gueber.
5. Dana's Plants and Their Children (also in VI.)
6. By Land and Sea,



## SPECIAL STUDY IN LITERATURE.

Evangeline, Longfellow.

## GRADE VIII.

1. Tanglewood Tales, Hawthorne.
2. The Study of the Romans.
3. Life in Asia.
4. The Sketch Book, Irving.

## SPECIAL STUDY IN LITERATURE.

Snow Bound, Whittier.

## GRADE IX.

1. Tales from Shakespeare, Lamb.
2. Ballou's Footprints of Travel.
3. Ethics of Success.
4. Selections from American Authors, Eliot.
5. Ballads and Lyrics, arr. by H. C. Lodge.

## SPECIAL STUDY IN LITERATURE.

The Vision of Sir Launfal, Lowell.

SETS OF SUPPLEMENTARY BOOKS FOR OC-  
CASIONAL READING.

Dicken's Child's History of England.  
 Anderson's Historical Reader.  
 Collier's British History.  
 Goodrich's History, U. S.  
 Johonnot's Geographical Reader.  
 Scribner's Geographical Reader.  
 Child's Book of Nature, Parts I, II, III, IV.  
 Choice Readings in Nature's Book.  
 Robinson Crusoe.  
 Swinton's Book of Tales.  
 Swiss Family Robinson.  
 Lady of the Lake.  
 Hiawatha.  
 Quentin Durward.  
 Golden Book of Choice Readings.  
 American Authors.  
 Swinton's American Classics.  
 Swinton's English Classics.  
 Metcalf's Language Exercises.

Harvey's Readers.  
Sheldon's Readers.  
Royal Readers.  
Monroe's Readers.  
McGuffey's Readers.  
Appleton's Readers.  
Steele's Physiology.

### SUPPLEMENTARY BOOKS IN SETS OF THREE FOR GENERAL READING.

Fables and Folk Stories.  
Arabian Nights.  
Æsop's Fables, Vols. I and II.  
Vicar of Wakefield.  
Black Beauty.  
Little Men.  
Little Lord Fauntleroy.  
At the Back of the North Wind.  
Hans Brinker.  
Heroic Ballads.  
Frye's Child and Nature.  
Peasant and Prince.  
Prince and Pauper.  
Classic Myths in English Literature.  
Blue Jackets of 1776.  
" " " 1812.  
" " " 1861.

### TEXT BOOKS USED IN THE PRIMARY SCHOOLS.

Franklin New First Reader.  
Franklin New Second Reader.  
Franklin New Third Reader.  
Harrington's Speller, Part I.  
Child's Health Primer.  
Prince's Arithmetic, Part II.  
Prince's Arithmetic, Part III.  
Prang's Drawing Books.  
Merrill's Vertical Writing Books.  
National New Second Music Reader.

SUPPLEMENTARY BOOKS USED IN THE  
PRIMARY SCHOOLS.

## GRADE I.

1. The Beginner's Book, Bass. Drill Book.
2. The Children's Primer, Cyr. Drill Book.
3. The Werner Primer.
4. Our Little Book for Little Folks.
5. Child Life, Part I., Blaisdell.
6. Stepping Stones to Literature, First Reader.

## GRADE II.

1. The Children's First Reader, Cyr. Drill Book.
2. Nature's Byways.
3. Stepping Stones to Literature, First Reader.
4. Stories for Children, Lane.
5. Animals, Wild and Tame, Anna C. Davis.
6. Plant Life, Bass.

## GRADE III.

1. The Children's Second Reader, Cyr. Drill Book.
2. Fables and Folk Stories, Scudder.
3. Stories of Great Americans for Little Americans.
4. All the Year Round, Autumn.
5. All the Year Round, Winter.
6. All the Year Round, Spring.
7. Animal Life, Bass.
8. Nature Study, Myths, Stories, Poems—Wilson.
9. Stepping Stones to Literature, Second Reader.

## GRADE IV.

1. The Children's Third Reader, Cyr. Drill Book.
2. Hans Andersen's Stories, Scudder.
3. Through the Year, Book I.
4. Through the Year, Book II.
5. Seven Little Sisters.
6. Each and All.
7. Stepping Stones to Literature, Third Reader.
8. Stories of American Life, Eggleston.
9. Round the World, Part I., Carroll.
10. Heart of Oak Series, No. II.

SUPPLEMENTARY BOOKS IN SETS  
OF THREE.

Grimm's German Household Tales, III., IV.

Selections from Whittier's Child Life.

Legends of Norseland.

Hiawatha Primer.

Stories of the Red Children, Brooks.

Stories of Great Inventors, IV., (Fulton, Whitney, Morse, Cooper, Edison.)

Stories of Colonial Children, Pratt.

Little Folks of Other Lands.

Baldwin's Readers.

Longfellow Leaflets, Riverside Press.

Longfellow, Whittier, Lowell, Holmes.

Young Folks Library.

Lincoln, No. 31.

Franklin, No. 29.

Round the World, II., Carroll.

# LIST OF TEACHERS AND JANITORS.

With their Addresses and Salaries.

## HIGH SCHOOL.

Summer street between Mill and North streets.

Wilson R. Butler, Principal,	175 William street,	\$2,750
William K. Norton, Sub-master and Math'l Teacher,	351 County street,	1,800
Charles T. Bonney, Jr., Classics and Science Teacher,	343 So. Orchard street,	1,700
Charles R. Allen, Science Teacher,	276 Union street,	1,600
Ernest V. Page, Commercial Teacher,	115 Mill street,	1,500
Lydia J. Cranston, Assistant,	129 Elm street,	1,000
Elizabeth P. Briggs,	37 Morgan street,	900
Mary E. Austin,	512 Kempton street,	900
Lucretia N. Smith,	508 Cottage street,	900
Emma K. Shaw,	72 High street,	900
Helen L. Hadley,	220 Grinnell street,	900
Mabel W. Cleveland,	81 North street,	900
Emma H. Parker,	86 Court street,	900
Katharine M. Crabtree,	26 Seventh street,	800
Edmond E. Baudoin, Milit'y Inst'r,	92 Washington street,	300
Sarah D. Ottiwell, Clerk,	184 Kempton street,	600
James A. Wood, Janitor,	209 Purchase street,	1,000

## GRAMMAR SCHOOLS.

### FIFTH STREET :

Fifth street, corner Russell.

Grade.

Allen F. Wood, Principal,	111 Acushnet avenue,	1,900
9 Lydia A. Macreading, Assistant	33 Bonney street,	675
9 N. Emma Slack,	79 Fifth street,	675
8 Mary E. Allen,	78 Court street,	600
8 Sarah E. Stoddard,	352 County street,	600
7 Emma A. McAfee,	63 Fifth street,	600
7 Mary. W. Leymunion,	56 So. Emerson street,	600
6 Annie C. Hart,	35 Fifth street,	600
6 Mary A. Kane,	127 Grinnell street,	600
5 Grace L. Carver,	62 Bedford street,	600
5 Lottie M. Allen,	118 Fifth street,	600
Henry T. Phillips, Janitor,	310 So. Orchard street,	700

## MIDDLE STREET :

Summer street, between Elm and Middle streets.

Grade.

George H. Tripp, Principal,	Fairhaven,	\$1,900
9 Lucy B. Fish, Assistant,	87 Court street,	675
9 Lucy F. Winchester,	Fairhaven,	675
8 Etta M. Abbott,	233 Middle street,	600
8 Anastasia O'Keefe,	35 Mill street,	600
7 Lizzie E. Omev,	63 Thomas street,	600
7 Julia C. Gifford,	18 Bedford street,	600
6 Clara S. Vincent,	233 Middle street,	600
6 Helen McCoy,	74 Walnut street,	600
5 Regina M. Paul,	71 Morgan street,	600
5 Elizabeth D. Hicks,	98 Hillman street,	600
Leroy G. Tripp, Janitor,	71 North street,	700

## PARKER STREET :

Parker street, near County street.

Arthur F. Gilbert, Principal,	264 Pleasant street,	1,900
9 Anna L. Jennings, Assistant,	215 Maxfield street,	675
9 Mariana N. Richmond,	34 High street,	675
8 Imogene Conland,	3 Lincoln street,	600
8 Lizzie A. Nickerson,	641 County street,	600
7 Mary L. Pettey,	22 Pope street,	600
7 Daisy M. Butts,	116 Willis street,	600
6 Belle B. Wheeler,	3 Mt. Vernon street,	600
6 Emily A. Delano,	East Freetown,	600
6 Angie M. Lurvey,	215 Maxfield street,	600
5 Emma A. Eaton,	134 Chestnut street,	600
5 Rose M. Meaney,	220 North street,	450
5 Lillian T. Thomas,	Hathaway road,	600
John Corish, Janitor,	86 Mill street,	700

## PARKER STREET ANNEX :

In Linden street school building.

8 Mae Goodwin,	87 Court street,	600
5 Flora M. Corwin,	37 Hill street,	600
William J. Tilton, Janitor,	396 Purchase st.,	\$10 pr wk.

## THOMPSON STREET :

Thompson street, corner of Crapo street.

Alice C. Munsey, Principal,	49 Fifth street,	1200
8 Mabel A. Valentine, Assistant,	14 Cottage street,	600
7 Agnes M. James,	21 Fifth street,	600
7 Cora B. Cleveland,	81 North street,	600



## Grade.

6 Lizzie M. Briggs,	Assistant,	351 County street,	\$600
6 Helen T. Maxfield,	"	Fairhaven, Mass.	450
6 Mary O. Lamb,	"	13 Allen street,	600
5 Mary A. Macy,	"	90 Bedford street,	600
5 Grace W. Glines,	"	94 Elm street,	600
5 Annie L. Murkland,	"	55 Walnut street,	500
5 Anna H. Bartlett,	"	74 Walnut street,	500
James T. Heron, Janitor.	"	174 Fourth street,	700

## PHILLIPS AVENUE:

Phillips avenue, corner Bowditch street.

## GRAMMAR DEPARTMENT.

7 Agnes J. Dunlap, Principal,	131 Summer street,	1100
6 Clara M. Woodward, Assistant,	Acushnet av. n. Nash rd.	600
5 Alice A. Richardson,	" Hathaway road,	600
5 Susan Gifford,	" Fairhaven, Mass.	500

## PRIMARY DEPARTMENT.

4 Louise M. Newhall, Assistant,	232 Pleasant street,	550
3 Mary E. Peckham,	" Clifford, Mass.	425
2 Helen K. Covill,	" 27 Lincoln street,	450
1 Helen I. Boyd,	" 80 Morgan street,	550
John H. Rudge, Janitor,	131 Merrimac street,	700

## HARRINGTON NORMAL AND TRAINING SCHOOL:

Court street, corner Tremont street.

Cora A. Newton, Principal,	86 Court street,	1500
Mary E. Trask, Vice-Principal.	86 Court street,	1100
Carolyn D. Wood, Normal Teacher and Nature Supervisor in Primary Grades,	92 High street,	900
6 Louise E. Hicks,	98 Hillman street,	425
5 Kate Moore,	105 Park street,	600
4 Mary J. Read,	65 Cottage street,	400
3 Grace W. Russell,	417 Union street,	550
2 Adelaide M. Cota,	85 Morgan street,	400
1 Edith L. Cornish,	107 Summer street,	400

## SENIORS—to Graduate in December.

Annie J. Chase,	11 Chestnut street,	\$4 pr wk.
Helen C. Hervey,	578 County street,	4 "
Catharine A. McGuinness,	185 County street,	4 "
Mary L. Sisson,	183 Grinnell street,	4 "

Mary F. McIntyre,	69 Willis street,	\$4 pr wk.
Kate W. Chace,	10 Fair street,	4 "
Elizabeth J. Hurley,	232 Sawyer street,	4 "
Mary E. Cunningham,	131 So. Second street,	4 "
Alice B. Church,	68 Forest street,	4 "
Charlotte G. Tourtelotte,	65 Walden street,	4 "
Elizabeth C. Carter,	311 Middle street,	4 "
Amelia A. Murray,	319 Park street,	4 "
Mary E. Goggin,	587 Acushnet avenue	4 "
Eudora K. Barry,	285 Cedar street,	4 "
Elizabeth A. Dunn,	12 Spruce street,	4 "

## JUNIORS :

Mary E. Ferrell,	Mattapoisett, Mass.
Mary E. Durfee,	151 Grinnell street.
Sarah R. Cook,	107 Fourth street.
Helen F. Murphy,	301 Arnold street.
Mary A. Horan,	19 Viall street.
Louise C. Loughlin,	9 Lindsay street.
Jane E. Conway,	122 Acushnet avenue.
Bessie M. Noland,	Fairhaven, Mass.
Anna C. Rogers,	97 Acushnet avenue.
Gertrude L. Corish,	86 Mill street,
Marcella Y. Deacon,	417 Union street.
Mary T. Gibbons,	1 Penniman street.

## KINDERGARTEN DEPARTMENT :

Wilhelmina Humbert, Principal,	94 Elm street,	550
Ada S. Blake, Assistant,	183 Kempton street,	450
Robert Arnett, Janitor,	141 Tremont street,	800

## PRIMARY SCHOOLS.

## ACUSHNET AVENUE :

Acushnet avenue, near Grinnell street.

Grade.

Jane C. Thompson, Principal,	South street,	775
4 Sarah E. Kirwin, Assistant,	101 Sixth street,	550
4 Nellie A. Walker, "	16 Fifth street,	550
3 Mary C. Barstow, "	337 So. Orchard street,	550
3 Ella W. Keene, "	131 So. Second street,	500
2 & 3 Caroline S. Silva, "	63 Washington street,	550
2 Margaret H. Holmes, "	661 County street,	550

## Grade.

2	Harriet L. Cornell,	Assistant,	163 Middle street,	\$550
1	Lida J. Brightman,	"	111 Acushnet avenue,	550
1	Julia M. Pilling,	"	96 Sixth street,	550
1	Sylvia W. Paulding,	"	54 Fifth street,	500
	Samuel S. Broadbent, Janitor,		74 Rockland street,	700

## ACUSHNET AVENUE ANNEX ;

Hickey's store, corner Blackmer and Second streets.

1	Emily W. Davis,	Cor. Bay and Ward streets,	400
	Dennis J. McAuliffe, Janitor,	276 Coggeshall street.	

## I. W. BENJAMIN ;

Division street, between Acushnet avenue and Second street.

	Jane E. Gilmore, Principal,	245 Acushnet avenue,	900
4	Nellie W. Davis,	Assistant, 115 Summer street,	550
4	Lila D. Haney,	" 63 Spring street,	550
3	Hannah E. Norton,	" 52 Locust street,	425
3	Alice A. Taylor,	" 299 County street,	550
3	Marion H. Swasey,	" 25 So. Emerson street,	550
2	Flora A. Pearl,	" 74 Walnut street,	550
2	Sophie T. Anthony,	" 180 Fourth street,	550
2	Florence M. Anthony,	" 208 Grinnell street,	450
1	Cecilia A. Deane,	" 77 Fifth street,	450
1	Mary F. Livingston,	" 103 Sycamore street,	550
1	Emma L. Gartland,	" 9 Washington street,	550
1	Laura C. McCabe,	" 153 Grinnell street,	550
	Edwin S. Tallman, Janitor,	104 Acushnet avenue,	800

## I. W. BENJAMIN ANNEXES :

Meaney's Block, corner So. Water and Division streets.

1	Ethel Bliss, Assistant,	233 Arnold street,	400
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South Primitive Methodist Church, County street near Thompson.

2	Bertha E. Jenney,	Assistant, 25 Arch street,	400
1	Mary E. Ward,	" 433 Purchase street,	550

Hickey's store, corner Blackmer and Second streets.

	Annie H. Taber,	257 Pleasant street,	400
	Dennis J. McAuliffe, Janitor,	276 Coggeshall st.,	\$12 pr wk.

## CEDAR STREET:

Cedar street, corner Maxfield street.

Grade.

4	Hattie L. Finlan, Principal,	186 County street,	\$675
3	Bessie P. Pierce, Assistant,	Hathaway road,	550
2	Annie L. Edwards, absent on leave,	62 North street,	550
2	Esther W. Paul, Assistant	71 Morgan street,	550
2	Mabel L. Hathaway,	" 216 Middle street,	550
1	Sarah A. Winslow,	" 315 County street,	550
1	Ruth M. Tripp,	" 399 Union street,	550
	Robert J. Monerleff, Janitor,	42 Hazzard street,	600

## CEDAR STREET ANNEX:

In Spruce Street Church.

3 & 4	Edith M. B. Taber, Assistant,	82 Walden street,	550
	William J. Tilton, Janitor,	396 Purchase st.,	\$10 pr wk.

## CEDAR GROVE STREET:

Cedar Grove street, near Acushnet avenue.

	Maria B. Clark, Principal,	114 Mill street,	950
4	Kate Sweet, Assistant,	287 Kempton street,	550
4	S. Agnes Holmes,	" 671 County street,	550
4	Alice E. Boardman,	" Brock av. near Harmony,	550
3	Alice P. Winchester,	" 49 William st., Fairhaven,	550
3	Agnes D. Allen,	" 35 Chestnut st., Fairhaven,	450
2	Annie G. Brawley,	" 68 Walden street,	550
2	Sara Peckham,	" Clifford, Mass.,	550
2	Mary P. Brownell,	" 133 Chestnut street,	450
1	Mary W. Snow,	" 68 Parker street,	400
1	Gertrude Hawes,	" No. Dartmouth, Mass.,	550
1	Grace N. Bramhall,	" 216 Middle street,	550
1	Harriet A. Taylor,	" 114 Willis street,	550
1	Grace W. Dillingham,	" 66 Willis street,	450
1	Mary E. Boardman,	" 54 Weld street,	425

## KINDERGARTEN DEPARTMENT:

	Anna Hill,	216 Middle street,	550
	Irene M. Bassett,	83 Summer street,	450

## CEDAR GROVE STREET ANNEX:

In Lowe Block.

3	Isabella F. Winslow, Assistant,	506 Purchase street,	550
3	Minnie H. Smythe,	" 32 Parker street,	425
2	Alice E. Higham,	" 61 Locust street,	425
	Frederick O. Pollock, Janitor,	171 Mill street,	800

## CLARK STREET:

Clark street, corner Myrtle street.

Grade.

4 Elizabeth P. Spooner, Principal,	129 Hillman street,	\$725
4 Grace B. Rounsevell, Assistant,	236 Maxfield street,	500
3 Isabella Luscomb,	" 245 Cedar street,	550
2 Annie S. Ray,	" 41 Parker street,	550
2 Mary E. Warner,	" 67 Shawmut avenue,	550
1 Lucia E. Bliss,	" 134 Arnold street,	550
1 Lucy S. Leach,	" 163 Maxfield street,	550
1 Clara L. Bennett,	" 64 Willis street,	450
Edwin Jones, Janitor,	Mt. Pleasant lane,	700

## CLARK STREET ANNEX:

In Linden street school building.

3 Martha D. Shute, Assistant,	21 Lincoln street,	550
William J. Tilton, Janitor,	396 Purchase street, \$10 pr wk.	

## CANNONVILLE:

Rockdale avenue.

4 & 3 Adelaide J. McFarlin, Principal,	cor. Cottage and Kempton streets,	575
2 & 1 Florence A. Poole, Assistant,	22 Richmond street,	525
Addie C. Jones, Janitor,	Rockdale avenue,	104

## DARTMOUTH STREET:

Dartmouth street, corner Hickory street.

4 Isadore F. Eldridge, Principal,	44 Sherman street,	700
4 Sarah F. Pratt, Assistant,	3 Lincoln street,	550
3 Carrie W. Bliss,	" 233 Arnold street,	550
3 Carolyn S. Jones,	" 55 Court street,	425
2 Nellie H. Cook,	" 53 Walnut street,	550
2 Jennie B. Fuller,	" 34 Grape street,	450
1 Annie F. Smith,	" 13 Allen street,	550
1 Sara H. Kelley, absent on leave,	175 William street,	550
1 Nellie L. Foster, supply teacher,	13 Cottage street,	500
John Lambert, Janitor,	1 Harrison street,	650

## GEORGE H. DUNBAR:

Dartmouth street, corner Dunbar street.

4 M. Eva Schwall, Principal,	21 Bonney street,	700
3 & 4 Mary V. Perry, Assistant,	93 Bedford street,	450

## Grade.

3	Mary L. Rogers,	Assistant,	97 Acushnet avenue,	\$500
2	Helen G. Malley,	"	70 Rockland street,	550
2	Angela F. Bowie,	"	111 Dartmouth street,	550
1	Grace H. Potter,	"	100 Madison street,	550
1	Alice J. Lawrence,	"	351 County street,	550
1	Jennie A. Murphy,	"	301 Arnold street,	450
	Thomas C. Holmans, Janitor,		66 Cottage street,	700

## THOMAS A. GREENE:

## Fourth street, corner Madison.

	Annie L. Macreading, Principal,		33 Bonney street,	750
4	Bertha C. Hathaway,	Assistant,	269 Arnold street,	500
4	Harriet S. Ashley,	"	16 Crapo street,	425
3	Eliza H. Sanford,	"	112 Fourth street,	550
3	Dora A. DeWolf,	"	169 Middle street,	550
2	Sarah E. Sears,	"	350 County street,	550
2	Edith M. Pratt,	"	87 Court street,	400
2	Mabel A. Morris,	"	105 Bonney street,	550
2	Nellie E. Gibson,	"	118 So. Sixth street,	450
1	Caroline E. Bonney,	"	152 Bonney street,	550
1	Gillian M. Gordon,	"	35 Fifth street,	550
	Phylander Chase, Janitor,		303 County street,	700

## SYLVIA ANN HOWLAND:

## Pleasant street, between High and Kempton streets.

4	Carrie E. Footman, Principal,		131 Elm street,	625
3	Mary J. Graham,	Assistant,	82 Court street,	550
2	Helen J. Kirk,	"	27 Franklin street,	550
1	Amelia Lincoln, absent on leave,		87 Walden street,	550
1	Ruth A. Wilde,	Assistant,	35 Chestnut street,	500
1	Helen L. Corish,	"	86 Mill street,	425
	Hiram Lambert, Janitor,		115 Sycamore street,	700

## MERRIMAC STREET;

## Merrimac street, corner of State street.

1	Harriet S. Damon, Principal,		223 Pleasant street,	650
1	Grace A. Arms,	Assistant,	86 Court street,	450
1	& 2 Maria Gendron,	"	80 Merrimac street,	400
2	Anna I. Dexter,	"	11 Franklin street,	550
3	Addie West,	"	232 Pleasant street,	550
4	Julia A. Ellis,	"	31 Maitland street,	550
	Albert P. White, Janitor,		166 Campbell street,	600



## MARY B. WHITE :

Maxfield street, corner Pleasant street.

Grade.

4	Mary E. Pasho, Principal,	169 Grinnell street,	\$600
3	Clara C. M. Gage, Assistant,	45 Parker street,	550
2	Annie E. Pearce,	" 151 Hillman street,	550
1	A. Gertrude Wheaton,	" 123 Campbell street,	550
	William J. Cochrane, Janitor,	189 North street,	500

## WILLIAM H. TAYLOR :

Brock avenue.

6 & 7	Mary E. McAuliffe, ranking teacher,	29 Fifth street,	700
5	Rachael M. Wordell, Assistant,	123 Fifth street,	475
4	Mary E. Gleason,	" 276 Fourth street,	400
3	Florence S. Hartshorn,	" 110 So. Seventh street,	450
2	Harriet J. Thorpe,	" 10 Richmond street,	425
1	Bertha M. Martindale,	" 110 So. Seventh street,	550
	Henry M. Gifford, Janitor,	Dudley street,	600

## SOUTH KINDERGARTEN :

South Mission Chapel.

Josephine H. Cobb, Principal,	117 Washington street,	450
Ethel S. Gibbs, Assistant,	72 State street,	450

## MILL SCHOOLS.

## NORTH :

In Linden street school building.

Emma R. Wentworth, Principal,	117 Hillman street,	620
William J. Tilton, Janitor,	396 Purchase st.	\$10 pr wk.

## SOUTH :

Meaney's Hall, corner So. Water and Division streets.

Lucy J. Remington, Principal,	67 Fifth street,	620
Ruby M. Tripp, Assistant,	407 Cedar street,	550
Dennis J. McAuliffe, Janitor,	276 Coggeshall st.	\$12 pr wk.

## COUNTRY SCHOOLS.

## ACUSHNET :

Annie C. Maxfield, Principal,	Fairhaven, Mass.,	\$700
Ivy H. Smith, Assistant,	Acushnet, Mass.,	600
Harriet N. Hyatt, “	Tarklin Hill road,	550
Mary G. LaPlant, “	Acushnet, Mass.,	500
John Sylvia, Janitor,	River road, Acushnet,	

## NORTH :

Mary I. Ashley, Principal,	Clifford,	600
Mary G. F. Davis, Assistant,	Clifford,	550

## PLAINVILLE :

Eudora Lawrence, Principal,	Shawmut,	600
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## ROCKDALE :

Addie W. French, Principal,	Rockdale avenue,	600
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## SPECIAL TEACHERS.

## DRAWING :

Mary W. Gilbert,	417 Union street,	1500
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## SINGING :

Fred H. Butterfield,	93 Willis street,	1900
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## COOKING :

S. Agnes Donham,	258 Pleasant street,	600
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## MANUAL TRAINING :

Edwin R. King,	271 Pleasant street,	1400
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## SEWING :

Lena M. Willis,	311 County street,	600
Gertrude H. Leonard,	23 Seventh street,	525
Harriet S. Phillips,	128 Rockland street,	525

## EVENING HIGH SCHOOL :

## In High School Building.

		Per night.
William K. Norton, Principal,	351 County street,	\$5.00
Charles R. Allen, Assistant,	276 Union street,	3.50
Ernest V. Page,	" 115 Mill street,	3.50
Charles T. Bonney, Jr.,	" 343 So. Orchard street,	3.00
Jane W. Stetson,	67 Bedford street,	2.00

## EVENING DRAWING SCHOOL :

## In Textile School Building.

George H. Nye, Principal,	323 Cottage street,	4.50
Katharine M. Crabtree, Assistant,	26 Seventh street,	3.00
Oliver H. Gardner,	" 48 North street,	3.00
Franklin E. Smith,	" 67 Fourth street,	3.00

## EVENING ELEMENTARY SCHOOLS.

## CEDAR GROVE STREET :

## In Cedar Grove Street School Building.

		Per night.
Arthur F. Gilbert, Principal,		\$3.50
Sarah F. Pratt,	Assistant,	1.50
Mary J. Read,	"	1.50
Gillian M. Gordon,	"	1.50
Mellie G. Harding,	"	1.50
Annie G. Brawley,	"	1.50
Julia M. Pilling,	"	1.50
Nannie P. Slocum,	"	1.50
Alice Kelleher,	"	1.50
Isabella F. Winslow,	"	1.50
Rose M. Meaney,	"	1.50
Hannah E. Norton,	"	1.50
Minnie H. Smythe,	"	1.50
Mary R. Hinckley,	"	1.50
Abby R. Johnson,	"	1.50
Mary E. Haney,	"	1.50
Sylvia W. Paulding,	"	1.50
Carolyn S. Jones,	"	1.50
Jennie E. Gardner,	"	1.50
Jennie E. Murphy,	"	1.50
Lulu F. Rider,	"	1.50

## FIFTH STREET:

In Fifth Street School Building.

George H. Tripp, Principal,		\$3.50
Sarah E. Stoddard,	Assistant,	1.50
Mary J. Graham,	"	1.50
Ruth M. Tripp,	"	1.50
Sara Peckham,	"	1.50
Nellie H. Cook,	"	1.50
Julia C. Gifford,	"	1.50
Clara S. Vincent,	"	1.50
Annie C. Hart,	"	1.50
N. Emma Slack,	"	1.50
Catharine T. Johnson,	"	1.50
Helen McCoy,	"	1.50
Etta M. Abbott,	"	1.50
Ella W. Keene,	"	1.50

## PARKER STREET:

In Parker Street School Building.

Mary A. Kane, Principal,		3.50
Sara L. Tallman,	Assistant,	1.50
Helen L. Corish,	"	1.50
Anna L. Jennings,	"	1.50
Mary F. McIntyre,	"	1.50
Sarah E. Kirwin,	"	1.50
Mary F. Livingstone,	"	1.50
Harriet L. Cornell,	"	1.50
Regina M. Paul,	"	1.50
Esther Paul,	"	1.50
Margaret H. Holmes,	"	1.50
Helen T. Maxfield,	"	1.50
Peter Chagarooly,	"	.75

## PHILLIPS AVENUE SCHOOL:

In Phillips Avenue School Building.

Eliza G. M. Jenney, Principal,		3.00
Mary G. LaPlant,	Assistant	1.50
Annie C. Maxfield,	"	1.50
Nellie L. Foster,	"	1.50
George Marsden,	"	1.50

## THOMPSON STREET:

## In Thompson Street School Building.

Joseph P. Kennedy, Principal,		\$3.50
Janet Hunter,	Assistant,	1.50
Kate K. Whelden,	"	1.50
Clara M. Woodward,	"	1.50
Emma L. Gartland,	"	1.50
Annie F. Smith,	"	1.50
Alice A. Taylor,	"	1.50
Helen G. Malley,	"	1.50
Mary L. Rogers,	"	1.50
Cecila A. Deane,	"	1.50
Mary V. Perry,	"	1.50
Agnes D. Allen,	"	1.50





ANNUAL REPORT  
OF THE  
SUPERINTENDENT OF SCHOOLS

For the Year 1899.



# Report of the Superintendent.

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TO THE SCHOOL COMMITTEE :

*Ladies and Gentlemen,*—I submit for your consideration my Twelfth Annual Report. It is the thirty-ninth in the series of Annual Reports of the Superintendent of Schools of the city.

By a vote of your Board, this report, together with that of the Secretary, is to constitute the Annual Report of the School Committee.

## ATTENDANCE.

The attendance of pupils in the schools for the past year has been somewhat less than for the year 1898. The enrollment was 40 less ; the average number belonging was 95 less ; and the average attendance was 154 less. Just what caused this decrease rather than the usual increase I am unable to state. There are several explanations but none of them exactly satisfy me. There may have been less children in the city in 1899 than in 1898. The census returns give 393 less between five and fifteen than for the year before, but I am not sure that the change in the time when the census was taken did not have something to do with the decrease in the census returns. This I have explained more fully under the head of Census Returns. The private and parochial schools report an in-

creased attendance and this is probably due to the return of better times. More employment tickets were issued in 1899 than in 1898, another indication that in the revival in business and chances for employment more pupils left school to work. Although the returns show a net loss in attendance for the year, the monthly report for December showed that the increase had again commenced.

The per cent. of attendance for the year was one per cent. less also than for the previous one; the number of dismissals was larger, but the tardinesses were less. The per cent. of attendance is affected by many things and is not always a criterion by which to judge of the efficiency of the schools, although much stress is laid by some authorities upon it. More stormy school days one year than another, or the difference in the prevalence of disease affects this item. The great number of dismissals is an unfortunate thing for the schools. So many of these show that the schools are disturbed each day by many pupils leaving before the close of the session and this causes loss to all. Most of these dismissals are in the schools located in the mill districts, and are caused by children being compelled to carry dinners. If the schools in these districts could begin at twenty minutes of nine in the morning instead of at nine, as in some mill cities, there would be much saving of time.

Between six and seven per cent. of all the absences in the schools may be classed as necessary. The chief causes are sickness of the pupils themselves, sickness of others in the family, exclusion by reason of contagious diseases, (an increasing cause of absence) and family necessities. There is an average of about five hundred pupils out each day for these various causes. There are a number of pupils absent each day also by reason of the indifference of parents. There is always a large class of people, especially in cities like ours, who place little value upon prompt and efficient service. They do not practice

it themselves and cannot be expected to demand it of their children. The children of such parents are the most trying class to teachers. It requires vigilance and tact upon the part of teachers and attendance officers to secure regular attendance from these children, and in spite of all they are absent so much as to prevent them making the progress they should. Sometimes teachers do not distinguish as they ought between cases of necessary and unnecessary absence. They do not inquire carefully enough into the facts before making criticisms, or giving punishment, and injustice is done which results in friction and loss of influence of the teacher. Teachers cannot be too careful about their action in cases of absence. They should inform themselves of the facts in every case, and act with tact and moderation, ever mindful of the rights of all parties concerned.

Truancy is another and ever constant factor that operates against good attendance. It is only by the constant efforts of teachers and attendance officers that this evil is kept within bounds. It pervades every class of schools from the primary to the High. The two officers perform their duties efficiently. Their reports are herewith given.

#### REPORT OF HENRY SMITH, TRUANT OFFICER.

Schools visited,	1,734
Absences reported,	571
Absences without permission,	64
First offences,	11
Second offences,	18
Third offences,	11
Parents or guardians notified,	537
Taken to school from street,	19
Arrests,	7
Prosecutions,	7
On probation,	2
Sent to Truant school,	6
Transfer cards received,	280
Evening school absences investigated,	341
Visits to mills,	93

## REPORT OF WILLIAM A. BAKER, TRUANT OFFICER.

Schools visited,	1,850
Absences reported,	1,169
Absences without permission,	79
Second offenses,	13
Third offences,	10
Parents or guardians notified,	1,247
Taken to school from street,	24
Arrests,	5
Prosecutions,	5
On probation,	1
Sent to Truant school,	4
Transfer cards received,	227
Evening school absences investigated,	228
Visits to mills,	95
Tardinesses investigated,	4

## EMPLOYMENT CERTIFICATES.

There were issued from the office during the year 958 employment certificates as against 673 in 1898, an increase of 285. This increase is undoubtedly due to the revival in business. It is occasionally said that children are given employment certificates who are under fourteen years old, the legal age when children may be employed. I can only say that no certificate is issued from this office unless the requirements of the law relating to the employment of minors is complied with. It may be that we are sometimes deceived by unscrupulous parents, but we are on constant guard against such cases. But in many cases it is impossible to secure any other evidence of the age of a child except that of the word of the parent or guardian, which has to be sealed however with the oath required by law. It is almost impossible to act against this, though we may suspect that deception is being practiced. When suspicion is aroused in any case, the penalty attached to the making of a false oath is explained to the parent and sharp questioning is applied to see if the parent fully un-



derstands the law. The conversation with the parent frequently has to be carried on by means of an interpreter who is not always over intelligent and this circumstance makes it more difficult to deal with certain cases. Complaints have been entered occasionally at the office that some child has been given a certificate who was not entitled to one. The case has always been investigated immediately and it has been found almost invariably that the complaint was made without justification. The present law in some of its features works unnecessary hardship, and I am pleased to see that an effort is to be made in the present Legislature to modify it in certain particulars.

### SCHOOLHOUSES.

It hardly seems necessary for me to repeat this year the statement that several new schoolhouses should be built and alterations made to one or two more at least if all the pupils who attend the public schools are to be properly housed, and the schools administered most effectively and economically. But I feel that it is my duty to continue to call these matters to your attention until the present condition is remedied.

At present there are at least *five* hundred pupils who are attending school in various rented quarters such as stores, churches, halls, dwelling houses and the like. One of the classes is in the basement of a church and the room is very poorly lighted and ventilated. The annual rental of these buildings amounts to a sum which equals the interest on a large amount of money. In addition to these classes in rented quarters, two primary classes are in a basement of one of the schoolhouses in which the light is extremely bad and the ventilation poor.

But it is not the money consideration which is the worst feature of renting outside rooms in which to house school

children, although the rent of these quarters, the cost of fitting them up, and the care make them costly. The great objection is that they are not suitable places for pupils and teachers to work in month after month. None of them meet modern ideas of what the environment of children should be during their school hours as respects lighting, ventilation, and other sanitary conditions. These things are much more necessary for the welfare of the children than anything else, and the statutes require that all these shall be good in every school-building.

I should be glad indeed if the city could afford to provide for its pupils schoolhouses which would gratify the ambition of the architects with their grand proportions and their ornate decorations, and whose finish and furnishings would delight the eye and satisfy the taste of the most cultured citizen. But the city cannot afford costly school-buildings. Then let us have plain but substantial ones which are surrounded by yards sufficiently large to ensure plenty of light and air in the future and enough of these buildings to provide for every pupil those environments at least which are his right.

We have reason to take pride in a number of our school-buildings; but I believe that some of them have cost more than was necessary to meet even modern requirements. Some of the most expensive have not proved best adapted to school purposes. The William H. Taylor is not one of the most costly of our schoolhouses, but it has been pronounced by the state inspectors a model eight-room school-building and its plans are sent by the State to the Paris Exhibition as a type of the best of modern schoolhouses. It is heated and ventilated by the gravity system and forty-seven cubic feet of air a minute are supplied for every pupil and the State requires but thirty. If such results can be obtained by a gravity system why should

blower systems be used that entail a large annual expense for motor power and other incidental expenses?

The I. W. Benjamin schoolhouse on Division street and the Henry F. Harrington schoolhouse on Court street, recently fitted, have blower systems. The results in heating and ventilation in the first named are not so good as in those having gravity systems. In the Harrington schoolhouse they are now all that is desired, but are no better than in those heated and ventilated by the best gravity systems. In both these buildings the expense of maintenance is much greater than in the other class. The care of the janitor is increased with a blower plant and it is very expensive to maintain. In the Harrington school the motor power alone will apparently cost from \$500 to \$700 annually.

To return to the question what new school-buildings are required and what alterations of others are necessary that all the pupils may be properly housed and the schools administered most economically.

First, a twelve-room building is needed in the south part of the city somewhere between the Acushnet avenue and the I. W. Benjamin schoolhouses. Eight classes comprising about 325 pupils are now quartered in rented buildings in that section.

Second, a twelve-room building should be erected on the Coggeshall street lot purchased for that purpose. Three classes comprising about 125 pupils are now quartered in rented rooms in that district and other rooms will be needed within a year to relieve still further the schools in that section.

Third, the Cedar Street school has an overflow class in a rented church basement, and the Harrington school kindergarten is now located in a private house. The Clark Street school has also an overflow class in the old Linden street schoolhouse. If an eight-room building

was erected on the lot owned by the city at the head of Maitland street the pressure on all these schools would be relieved and the future growth in that section would be for a time provided for. I have frequent complaints from parents living in the neighborhood of Maitland street and Shawmut avenue that their young children have too great a distance to walk to attend school.

Some alterations in existing schoolhouses are really necessary to the welfare of a number of pupils. One of the attic rooms of the Thompson Street school is badly lighted and ventilated. Large dormer windows and a larger skylight ought to be placed in it. The Acushnet schoolhouse at Lunds Corner ought to be enlarged and the pupils at Plainville should be required to attend there. The Acushnet building as now constructed does not accommodate in the best way the pupils who attend there, and the Plainville school has an enrollment of only ten pupils. This latter school cannot be made efficient with so few pupils comprising many grades, and is expensive to maintain under present conditions.

Finally, some of the older buildings need considerable repairing and extensive alterations if they are to meet the State requirements. The new schoolhouses that have been erected in the city during the past ten years are excellent, but they are chiefly primary buildings. The three large grammar schools accommodating 1,200 to 1,500 pupils have had little done to them beyond ordinary repairs and compare unfavorably in matters of ventilation and light with more modern structures. The rooms are small, are frequently overcrowded and the corridors in one of them are very narrow and dark.

## PRIMARY SCHOOLS.

In the primary grades the pupils are supervised and taught by one hundred and eleven teachers. The number of pupils to a teacher the past year has been thirty-nine. As in the grammar grades the number of pupils to a teacher varies considerably owing to circumstances, but chiefly on account of the present school accommodations. Many of the grades have their full quota of forty-eight to fifty pupils. Seven classes of these grades are housed in rented buildings of various kinds and two others in the basement of one of the schoolhouses. Several others will necessarily be located in hired quarters at the opening of the winter term in January, 1900. The arrangement is a bad one. These scattered classes are not only housed in an unsuitable manner but work at a disadvantage by reason of their isolation. The principals cannot give them suitable supervision and in some cases none at all. I hope this condition will not be long continued.

The primary schools are for some reasons the most important in the whole school system. They contain the majority of the pupils; they reach a class of pupils who never go beyond these grades, most of these being of foreign birth; and they initiate all the pupils into school life and give them the trend that influences them in a great measure in later school life. Unfortunately most young and inexperienced teachers are found in primary schools and I have no doubt, were the truth known, many a child has had his whole school life warped by reason of the mistakes made by the inexperienced teachers who taught him in the primary grades. The training that is required of teachers in many places has bettered matters much in this respect, but the graduates of our Normal and our Training schools are novices after all when they begin their work. It may be asked why young and inexpe-



rienced teachers are placed in these grades more than others. Chiefly because of their inability to control older pupils and partly because the importance of the work in these grades is not yet recognized as it should be. In many places it has received the recognition that it merits, and some go so far as to pay the lowest grade teachers the highest salaries, and place in these grades only teachers of superior merit and experience.

Fortunately in our own city there are many teachers in these grades who have had long and successful experience and whose influence is felt for good by the inexperienced ones who are constantly being added. One great fault that is observable in the work of the young and comparatively untried teacher is her inability to see what is going on among her pupils. Frequently she does not seem to know whether any of the pupils except the small division that she is working with at the time are occupied or not. Disorder and waste of time are the result. I asked a successful training school principal one day why the training schools could not teach their young ladies to observe better. "The power of observation," she replied, "I believe is acquired by most persons only by considerable experience." "A young lady," she said, "who was preparing for a teacher recently said to me 'when I have a class of ten or a dozen pupils reciting it seems to me that I see a whole roomful of children.'" And I have no doubt that many young teachers are affected more or less in the same way. But this power to take in the whole school, to know what all the pupils are doing that she may check this one and encourage that one at the same time that she is handling an individual section must be acquired by every teacher or she cannot hope for success. Many of the teachers in these grades are weak in their powers of observation and they should train themselves in this art.



Many primary teachers unfortunately think that they do not need to study as those of higher grades do. Nothing is more detrimental to their success than to think this. No class of teachers need study more. Pupils are more dependent on a primary teacher's guidance than those in higher grades and she has greater influence over them at this period than the teacher later. For these reasons she cannot know too well the processes of mental growth and development, and the relations of physical and hygienic conditions to the child's power to work. She needs to understand the principles of teaching thoroughly if she would reap the full mead of success, and were she a veritable storehouse of wisdom she would find ample opportunity to draw upon all her knowledge, and in doing so would find it reflected in the minds and thoughts of her pupils. Surely no primary teacher who reflects will feel that she has no need for study or preparation for her daily work beyond a knowledge of the facts and devices necessary to her daily routine.

It gives me pleasure to say that the great majority of the teachers of these grades in our schools are progressive and efficient and devoted to their calling. In many ways their interest is shown in the well-being of their pupils which does not end with the schoolroom. The schools are well equipped with books and material for work, and most of the rooms are attractive, healthful places in which the children are happy and well cared for in every way. The results are generally good, and each succeeding year sees gain in some direction. No one who is not very familiar with the many difficulties that the teachers in these schools have to face, can appreciate how well they perform their duties. There is ample room for improvement no doubt; the ideal is usually far in advance of the actual, but the present condition gives encouragement for the future.

## KINDERGARTENS.

Kindergartens have become a part of the school system of the city by public approval. After a trial of two years, the School Board voted to include in the regular appropriation for schools the amount necessary for the maintenance of the three kindergartens now organized, and this action will undoubtedly be approved by the City Council and the amount granted. Whether any more of these schools will be opened in the near future will depend largely upon the public demand for them.

Those now organized have been fairly well attended during the year, but more pupils could be accommodated by them. Two of them are still housed in rented buildings, but I hope the time is not far distant when this will be remedied. The teachers are all enthusiastic in their work and by study and frequent meetings strive to bring their schools in accord with the best educational thought of the day. There exists a difference in opinion among leading educators as to the value of some of the methods of training now used in the kindergartens of this country. A recent article on the subject by an eminent authority is likely to produce wide discussion and will probably lead to a beneficial change in the present methods of conducting these schools.

## THE GRAMMAR SCHOOLS.

The average number of pupils to a teacher in the grammar grades for the year was forty. This is near the ideal number for a teacher to instruct under good conditions; it is neither too large to be unwieldy nor too small to be very costly. Unfortunately, while the average was forty the distribution was unequal. A number of teachers, especially those of the lower grades, had fifty or more while

a few had less than forty. In the upper grades many had less than forty. This condition could have been remedied in a measure had the schoolhouse accommodations been better. When the new buildings under contemplation are erected the present organization can be improved somewhat.

The conduct of these schools has in the main been characterized by commendable work carried on with comparative little friction. In two of the buildings there were no cases of whipping for the whole year, yet good order was maintained and an excellent spirit prevailed. It would not be wise to prohibit corporal punishment, in my opinion, but in this grade of schools tact and judicious management by the teachers would make the necessity for its application rare. There has been great gain in this direction in the last few years, and I trust the future will show still more.

The instruction has been fair, good or excellent in accordance with the ability of the individual teachers. In a few cases it might be classed even as poor. It is no sinecure that a teacher has in these days if he does his work well. The variety of studies that he is called upon to teach at the present time will tax the resources of one most studious and observant if he is to secure good results. What of those pupils who come under the instruction of one who is neither one nor the other? All teachers do not have equal gifts any more than those who are in other professions; but all can be thorough and give some breadth to their teaching; all can study their pupils, learn something of their characteristics, their strength and their weakness and with this acquired knowledge wisely used, arouse their interests in some lines of thought and guide them with intelligence and greater patience even where their inclinations do not run. But to do this well the teacher must know other books than the text-books, must

observe and participate in other life than that of the school-room. The shallow weakling can not hope to achieve success in the schoolroom any more than anywhere else. His pupils will read him as others do, will have little respect for him, and therefore will not work for him. Such a teacher wonders why his pupils show so little interest in their work, are so restless and hard to manage. It is because of his very emptiness which they soon discern. I wonder at times how some teachers dare to go before their pupils so poorly prepared to instruct them. Nothing beyond the bare facts of the text-books seems to be within their ken, and yet they marvel that their efforts are not appreciated. No devices, no methods of presentation can be effective with the teacher unless there is back of them a fulness of knowledge strengthened by a conviction that the work that he is doing is worthy of his best efforts at all times.

Many of the teachers in these grades are keenly alive to the demands of their profession. They give freely of their time and means to make themselves worthy of their calling. By professional reading, by the study of the best in literature and art, and in many ways they so prepare themselves that they are enabled to present the subjects that they teach by good methods and to lead the thoughts of their pupils into fields of richness of which the rote teacher never dreams.

### UNGRADED SCHOOLS.

There are now six schools so designated comprising eleven rooms and twelve teachers. The average number of pupils to a teacher in these schools was twenty-six. Three of these rooms are classified as Mill Schools, being situated in the mill districts of the city. When the large grammar buildings now contemplated are built, these

Mill Schools should be attached to those grammar buildings as ungraded rooms. By this change they would become more effective and lose their present distinctive name which is not a good one and to some parents distasteful. By attaching them to the grammar schools their sphere of usefulness can be materially broadened.

The Acushnet school is the largest of the so-called ungraded schools. It has three rooms and the whole nine grades. At the beginning of the year a change was made in the organization of the school. Up to that time there had been three grades in each room. The room in which were the three lowest classes was crowded and the teacher was unable to do effective work with so many classes of young pupils. Therefore, to relieve this condition another teacher was added to the principal's room and four grades placed in that. This plan is much more effective but the school is cramped for space and another room should be added.

Two of the other schools have two rooms each and one, the Plainville, has but one room. The Plainville school has but ten pupils in it and the average attendance for the last month of the year was but nine pupils. Each pupil cost the city last year \$88.34. This is more than the cost of a High school pupil and it is the least efficient school in the city. There is little or nothing to stimulate teacher or pupils. The great number of classes with but one or two pupils in each is an organization that does not permit good results. This class of schools, common in the past and found still in isolated rural districts, is being abolished everywhere possible. They are condemned by the state agents as well as by superintendents everywhere, and I again recommend that this one be abolished and the pupils transported daily to the Acushnet school. This plan is followed in scores of places and could be done here.



The pupils could be transported in such a manner that there could be no just cause for complaint, with a saving to the city and with great educational benefit to the pupils.

### THE HIGH SCHOOL.

For causes which are well known, a change was made in the principalship of the High school at the close of the school year in June. Mr. Wilson R. Butler, principal of the High school of Waltham, Mass., for ten years, was chosen from many candidates to the position which had been declared vacant by the Board. Mr. Butler is a graduate of Bowdoin College and also holds the degree of Master of Arts from Harvard University. He brings to his new field of labor the advantages of uniform success in teaching and ripe scholarship. His administration of the school during the past few months gives indication that the work in it will be unified and strengthened. The cordial support given him by each and every teacher in the school is gratifying to note, and it is to be sincerely hoped that the causes for criticism which have not been without foundation in the past may soon be eliminated.

The course of study adopted in 1894 and to which the Commercial course was added in 1896 needs some revision, and some modifications to it will be submitted to the Board for consideration before the beginning of another school year.

Nearly one half of the entering class of this year elected the Commercial course. This course appears to meet the demands of those pupils who do not intend to pursue their studies in any higher institution but who desire a better preparation for a business life than is given by the grammar schools yet do not care to take one of the four year courses. The course offers to pupils in addition to a fair general training an opportunity to acquire some branches



which may be termed technical, as stenography, type-writing, and bookkeeping. During the past year I examined the High school courses of study of thirty-one of the leading cities of New England. I found that eight offered no Commercial course but most of them were considering the subject. Five others do not have what I consider distinctive commercial courses, but offer more or less commercial branches. Seven have two-year courses, and four, including New Bedford, have three year courses. Seven have four-year courses. I found also that the course in our school is as broad as any of the three-year courses and moreover of a substantial character. Whether it would be wise to extend it a year is problematical.

While the number of pupils in the school is no larger than that of several years past it is relatively somewhat larger. One hundred and thirty-seven entered the school in September, 1899, as compared with one hundred and twenty-four in 1898, one hundred and thirty in 1897, and one hundred and thirty-eight in 1896. But now nearly one half of those entering each year elect a three-years course and this tends to make the average membership less than it would be relatively if all the pupils took the four-year course as formerly. I realize that the number of pupils in a school is not necessarily a criterion from which to judge of its efficiency or usefulness, but if our High school fails to keep apace somewhat with the growth of the city, and fails to attract to it the same relative numbers that High schools in cities with similar conditions do, the fact should be a source of solicitude to those who administer the schools, and the cause fixed if possible.

The advantages offered in the New Bedford High school are equal to the best in the country, and I desire to see it grow in numbers. In this way a larger appreciation of its merit and usefulness would be shown by our citizens. Those who patronize it can by still more loyal support than they accord it now give it greater strength

and win to it new patrons. What is needed more than anything else is a full appreciation by our citizens of the advantages offered by this school and what it really stands for in the life of this community. Much more would be accomplished by the school than even now if parents could be brought into closer touch with the teachers of the school and understand their purpose and aim. I am pleased to learn that there is a movement to revive the High School Alumni Association. A live Alumni Association should do much to extend the influence of the High school and strengthen its work.

The principal has furnished some statistics of interest in regard to the school which are given below :—

Number of pupils who have left school during the year 1899 and causes :

	Boys.	Girls.	Total.
Seniors,	0	0	0
Sub-Seniors,	8	9	17
Juniors,	19	18	37
Sub-Juniors,	13	14	27
	<hr/> 40	<hr/> 41	<hr/> 81

Causes for leaving :

	Boys.	Girls.	Total.
Illness,	4	15	19
Moved from city,	6	6	12
At work,	14	10	24
Neglect of school work,	4	4	8
Not promoted,	7	4	11
Went to private schools,	5	2	7
	<hr/> 40	<hr/> 41	<hr/> 81

No. of pupils who have left school during the year 1899, by periods as follows :

	Jan. to July.			Sept. to Jan.			Jan. to Jan.		
	Boys	Girls	Total.	Boys	Girls	Total.	Boys	Girls	Total.
Seniors,	0	0	0						
Sub-Seniors,	5	6	11	3	3	6	8	9	17
Juniors,	11	8	19	8	10	18	19	18	37
Sub-Juniors,	9	13	22	4	1	5	13	14	27
	25	27	52	15	14	29	40	41	81
Causes for leaving :									
Illness,	3	11	14	1	4	5	4	15	19
Moved from city,	3	5	8	3	1	4	6	6	12
At work,	10	6	16	4	4	8	14	10	24
Neglect of school work,	2	4	6	2		2	4	4	8
Not promoted,	2		2	5	4	9	7	4	11
Went to private school,	5	1	6		1	1	5	2	7
	25	27	52	15	14	29	40	41	81

Graduates of 1899 pursuing advance courses at other institutions :

	Boys.	Girls.	Total.
Colleges.			
Harvard,	5		
Columbia,	2		
Brown,	1		
Smith,		1	
Georgetown,	1		
	9	1	10
Technology,	3		3
Harrington Training school (entered January, 1900,		9	9
Swain School,		2	2
Emerson School of Oratory, Boston,		1	1
	12	13	25

Post graduates of 1898 in the High school during 1899, now pursuing advanced courses in other institutions :

	Boys.	Girls.	Total.
Wesleyan University,	1		1
Bridgewater Normal,		1	1
	1	1	2

## Pupils entering the High school in September, 1899 :

	Boys.	Girls.	Total.
From New Bedford Public schools,	52	75	127
From other schools,	5	5	10
	<u>57</u>	<u>80</u>	<u>137</u>

## Post graduates in the High School in 1899 :

	Boys.	Girls.	Total.
From January to June,	3	5	8
From September to December,	3	11	14
	<u>6</u>	<u>16</u>	<u>22</u>

	Gen. course without Latin.			Gen. course with Latin.			Col. prep. without Greek.			Col. prep. with Greek.			Commercial course.			Sum Total
	Boys.	Girls.	Total	Boys.	Girls.	Total	Boys.	Girls.	Total	Boys.	Girls.	Total	Boys.	Girls.	Total	
Seniors.	5	8	13	2	3	5	3	21	24	2	3	5				47
Sub-Seniors	1	4	5	1	1	2	7	27	34	4		4	8	13	21	66
Juniors.	4	7	11	8	6	14	14	35	49	6	1	7	19	25	44	125
Sub-Juniors							22	47	69	9	3	12	27	32	59	140
	10	19	29	11	10	21	46	130	176	21	7	28	54	70	124	378

Intention of present pupils concerning advanced courses.  
Classical course, (to enter college with Greek :)

	Boys.	Girls.	Total.
Seniors,	2	3	5
Sub-Seniors,	2	1	3
Juniors,	5	1	6
Sub-Juniors,	7	1	8
	<u>16</u>	<u>6</u>	<u>22</u>

## To enter college without Greek :

	Boys.	Girls.	Total.
Seniors,	2	1	3
Sub-seniors,	3	7	10
Juniors,	8	8	16
Sub-Juniors,	18	17	35
	<hr/> 31	<hr/> 33	<hr/> 64

## To enter Scientific, Medical or Law school :

	Boys.	Girls.	Total.
Seniors,	1	1	2
Sub-Seniors,	1	0	1
Juniors,	5	2	7
Sub-Juniors,	8	3	11
	<hr/> 15	<hr/> 6	<hr/> 21

## To enter the Harrington Training school :

	Boys.	Girls.	Total.
Seniors,		16	16
Sub-Seniors,		18	18
Juniors,		27	27
Sub-Juniors,		24	24
	<hr/> —	<hr/> 85	<hr/> 85

## To enter a State Normal school :

	Boys.	Girls.	Total.
Seniors,			
Sub-Seniors,		2	2
Juniors,			
Sub-Juniors,		5	5
	<hr/> —	<hr/> 7	<hr/> 7

## THE HARRINGTON NORMAL AND TRAINING SCHOOL.

This school has had a most unfortunate year in several respects. In the first place the school was interrupted in its work for months through failure of the heating and ventilating apparatus and its condemnation by the State Inspector. This caused the loss of several months work to the pupils attending the school, and prevented the training teachers from securing the usual amount of practice in teaching. For most of the year the primary pupils were housed in rented quarters and had only half-time sessions, while many of the grammar pupils lost at least two months of work. It was found upon undertaking the work of changing the heating and ventilating apparatus that the building needed much general repairing, and the work begun at the beginning of the summer vacation was not completed until November, although it was pushed with vigor by those in charge. The building is now in fine condition and all its sanitary conditions are the very best.

The resignation of Miss Josephine B. Stuart, the principal of the school from its opening ten years ago, was another and great loss to the school. She resigned to enter upon a work to which she felt duty called her. I cannot speak too strongly of the work of Miss Stuart in connection with this school and the beneficent influence it has had upon the schools of the city. She organized the school and under her administration it broadened each year until it attained a rank among the Training Schools of the country that is not excelled by any. Dignified, scholarly, and just, she secured the respect and confidence of the School Committee and the public, and retained it to the last. With high ideals herself she inspired the one hundred three teachers who graduated un-



der her during her term of service with much of the same spirit. The majority of them are teachers in our schools to-day and have given most excellent service, which will continue to improve as their experience ripens.

The Committee elected Miss Cora A. Newton, for a number of years principal of the Training School for Teachers in Haverhill, Mass., to the vacant position. Her successful experience and scholarly attainments make her a worthy successor to Miss Stuart, and I am confident that under her administration the school will continue to advance and be a strength to the school system of the city.

Owing to the interruptions to the school during the year, the usual graduating exercises of the senior class were omitted in December. The diplomas were presented the graduates by the Chairman of the Sub-Committee on the Normal and Training school, and all of them have been assigned to positions.

THE STATISTICS SUBJOINED GIVE SOME FACTS OF INTEREST.

Pupil teachers enrolled during the year,	26
Pupil teachers admitted to Junior class, January, 1899,	13
Pupil teachers graduated December, 1899,	9
Pupil teachers who have resigned,	3
Pupil teachers admitted to Junior class January, 1900,	12
Pupil teachers admitted to Senior class January, 1900,	12
Pupil teachers in the school, January, 1900,	27
Days substituting by pupil teachers,	199 $\frac{3}{4}$
Days absence for other causes,	44

## THE EVENING SCHOOLS.

High School.—Two years ago I recommended in my report the establishment of an Evening High school as a part of the evening school system. The recommendation was endorsed at that time by the daily papers. No action was taken by the School Board until this year when, upon the recommendation of the Evening School Committee, the Board voted to open such a school for one term to ascertain whether such a school would enlist a sufficient patronage to justify its maintenance. Sessions have been held on Monday, Tuesday and Wednesday evenings, and classes have been formed in such branches as were desired by the applicants, provided the number electing a study was ten or more. Mr. William K. Norton, sub-master in the Day High school was made principal, and the three other male assistants in that school were made assistants in the Evening High school. One regular lady assistant was also elected, and two special lady assistants for the stenography and typewriting classes.

Candidates for admission were required to be graduates of a grammar school at least, or to possess sufficient knowledge to pass an examination which had been determined upon. Each pupil was required to take no less than two studies.

At first there was a large enrollment, larger than was expected. The returns for the first nine weeks (those being the only ones available for this report), give an enrollment of one hundred and ninety-one an average membership of one hundred and forty-one, and an average nightly attendance of one hundred and nine. As is usually the case many came at first out of curiosity and soon dropped out; others left because they could not take some one study that they desired; others with good intentions evidently were unwilling to practice the self-denial that attendance upon such a school entails.

Judging from the attendance during the second term (the returns of which, however, do not belong in this report) there are about seventy-five to one hundred persons who desire to avail themselves of the advantages offered by such a school. The typewriting, stenography and bookkeeping departments have been by far the most popular, but classes in English, French, Civics, Arithmetic, Algebra and Science have been formed and have done good work. The teachers have taken great interest in their work and the results is most lines have been gratifying. In addition to the regular instruction, the principal organized a course of lectures which have been given each Wednesday night at the close of the school session, the school being closed fifteen minutes early for that purpose. These lectures have been open to the public, and have been well attended both by the pupils and by outsiders.

The school certainly has made an excellent beginning and should be continued. There has been one tendency shown, it seems to me, that should not be permitted to prevail, and that is to make the standard of admission too low. The school should be a High school in reality as well as in name, and to it pupils should not be admitted who belong in the elementary evening schools. In the elementary evening schools there are classes where the ordinary English branches are taught and well taught, and in these schools pupils who are not well fitted to enter the High school can prepare themselves if they cannot do so elsewhere. Courses of study should be prepared next fall for both grades of schools, in which the work should be determined for each grade and so co-ordinated that the advance from one to the other should be regular. This year, pupils presented themselves at the school desiring to take typewriting only, whose English vocabulary was most meagre and whose knowledge of grammatical con-

struction was nil. They were displeased because they were refused admission. To admit such pupils to the school or any pupils who are not prepared to do High school work is not justifiable. It injures the work of the school, and endangers its future, besides entailing an unwarrantable expense.

Elementary schools. These schools have been held in the usual school-buildings and have had their customary attendance. After the first few weeks, when some cases of disorder occur, the schools settle down to quiet, orderly work. The majority of the teachers are also teachers in the day schools and all are experienced. The irregular attendance in these schools is a bar to the most effective work. They are open but forty nights during the year and many pupils do not attend more than three-fourths of that time and on those nights from necessity more than from choice. Where they attend regularly they make considerable progress. The employers of illiterates are not as careful as they should be about requiring cards of attendance, and the labors of the truant officers and of the teachers are increased by reason of this.

In several of the buildings the light is very unsatisfactory and injurious. The Phillips avenue school is fitted with gas and Welsbach burners and is the only one where the light is entirely satisfactory. This matter should receive attention before another winter. The seats in most of the rooms of the Cedar Grove street school are unsuited for evening school purposes. They are so small that in many instances the pupils are unable to sit squarely toward the front of the desk. The pupils show remarkable patience after working all day by being willing to cramp themselves in these desks without complaint.

The schools need more variety in reading matter and better than they now have. Most of the readers are those discarded from the day schools some years ago and con-

tain little subject matter except the most prosaic. I have obtained permission from the Howland fund committee to collect a number of sets of reading books that have been used in the day schools for a long time and transfer them to the evening schools. They are superior to those now used in the evening schools but not so well suited to the needs of the day schools as later publications which will be substituted for them. By this plan both classes of schools will be supplied with better reading matter at a moderate cost.

Evening Drawing school. The average attendance in this school for the past year, which includes the spring and the fall terms, was less by a few pupils than for the year 1898.

The suggestion made last year to unite this school with the evening classes of the Textile school was carried out at the opening of the fall term. The directors of the Textile school agreed to furnish quarters and the furniture needed for the school provided the School Committee supplied the teachers and the material required. The School Committee accepted this offer and the school is now held in the Textile school building. The same teachers are in charge of the various departments as last year. There has been no increase in the number of pupils attending as was expected owing to the school being held in a building more accessible from all parts of the city than formerly. There seems to be a limited demand for such a school, but most of those who attend are earnest and work with a definite purpose.



## SPECIAL DEPARTMENTS.

In the report last year, extended reports were made on each one of these departments by the various supervisors. There has been no material change in these branches during the past year. All of these departments, I believe, are doing effective work.

The Manual Training school cannot provide for any increase of pupils. The present room is taxed to its capacity, and certainly the one teacher is. The Committee should take under consideration the condition of this school and provide for future expansion. Manual training should be offered the High school pupils in compliance with the laws of the state, and I trust these matters will receive the early and earnest attention of the Committee.

The whole time of the cooking teacher is not now employed. She has several spare days each month. This condition will not probably continue much longer as the school population increases. Some teachers in the eighth grade express regret that sewing has been extended into their schools. They feel that they need the time given to this branch for their literary work. They feel that cooking and sewing together take too much time from what they consider the regular work. It might be well for the Committee to secure an expression of opinion from the parents of girls in this grade and act upon the knowledge thus gained.

The drawing has become one of the most important and effective branches in the whole school work. Last year more was done in color than ever before, and it has become a recognized factor in the work. It is attractive and has much educative value.

The work in vocal music is thoroughly and effectively done. The careful, well planned instruction of the supervisor has now extended over enough years that pupils entering the High school have had the benefit of it from the



lowest grade, and its results compare favorably with that of any other branch.

The methods employed in conducting the sewing show the result of careful planning on the part of the supervisor of this branch, and the work is quietly and effectively done by her and her assistants.

### TEACHERS.

Two hundred and twenty-five teachers are employed in the day schools who are paid a salary. There are in addition twelve pupil teachers who are not paid. For twenty weeks in the winter seventy-seven teachers on an average are employed in the various evening schools, making in the whole three hundred and two employed in different capacities by the city during the year.

These teachers may be classified as follows :

High school teachers,	15
Normal and Training school teachers (regular),	6
Normal and Training school teachers (training),	13
Grammar school teachers,	55
Primary school teachers,	111
Ungraded school teachers,	12
Special teachers,	7
Kindergartners,	6
Evening school teachers,	77
	<hr/>
	302

Few teachers have been added to the regular corps during the year. Two additional ones were placed in the Thompson Street school, two in the Parker Street and one in the Thomas A. Greene. Two of these were placed in the schools to relieve the principals of the charge of an individual room and to give them time to supervise the other schools and attend to the numberless details that are incident to a large school. Some resignations have occurred and a few dismissals. These vacancies have been filled

as far as possible by graduates of the Training school or other trained teachers who resided in the city. The others have been filled by experienced teachers secured elsewhere. It is not an easy matter to secure teachers of culture and strength at all times and certainly not at short notice. Thus occasionally teachers are employed from abroad who fail to do acceptable work and their services are dispensed with without great delay. With teachers residing in the city greater forbearance is exercised because their claims for such forbearance are somewhat stronger than those of teachers from elsewhere, and because in most instances the city has assumed the responsibility of training them for their profession. Many teachers fail from lack of self-reliance; often they seem to think that someone else must bear their burdens when they get into trouble. Every teacher should realize that he cannot shift his responsibility to the shoulders of anyone else. A principal or superintendent may advise and suggest but the teacher must be able to apply those suggestions and rely upon himself in the main.

There are one or two matters connected with the present plan of paying the teachers in the schools which I think should be adjusted. One is the length of time that is required of a teacher before the maximum salary is reached. It is now five years in both the grammar and primary grades. After three years of acceptable service they are now placed on the permanent list. I would recommend that the schedule be so changed that all teachers shall receive the maximum in three years or when they are placed on the permanent list.

The other matter is one that relates to the pay of teachers in the primary schools. There is now a difference of fifty dollars in the maximum of the two, the primary being \$550 per annum and the grammar \$600. In many cities, and especially in progressive ones, the salaries of both

primary and grammar teachers are the same, except in the highest grade grammar. I recommend that this subject receive the consideration of the Committee.

### SCHOOL EXHIBIT FOR THE PARIS EXHIBITION.

New Bedford was honored by being selected as one of the cities of the State to be represented in its educational exhibit to be made at the forthcoming Paris Exposition. Only a few cities and towns of the State are to be represented in the general exhibit.

Work from the kindergartens to the High inclusive was either specially prepared for this exhibit in every branch of study, or selected from the work prepared for the home exhibit held in the spring. The exhibit represented the work of all the pupils and is a fair representation of what is done in the schools every day. Teachers and pupils alike, I am sure, can take pride in it. With the exhibit were sent also photographs of the High school, Harrington Normal and Training school, Thomas A. Greene school, Sylvia Ann Howland school, and George H. Dunbar school as types of our best modern school buildings. As a type of the earlier school buildings, the old Linden street school was taken. Exterior and interior views of all these buildings were sent.

### SCHOOL ROOM DECORATION.

For some years a feeling has existed among some members of the Committee and among many of the teachers that more attention should be given to making the school-houses more attractive within and at the same time by some well ordered plan of decoration secure surroundings for the pupils that would by their unconscious influence educate their tastes and create within them a love for that which was harmonious and beautiful.

Therefore, in October, 1898, the Superintendent issued a call asking the teachers to send delegates to a meeting to be held at a certain time which should consider a plan for beginning the work. The teachers responded at once and appointed a committee which submitted the following plan to the School Committee and asked its co-operation :

1. They shall gather data as to casts, photographs, etc., suited to the needs of a school room and shall bring the data to the knowledge of the teachers of the city and of the School Board.

2. They shall catalogue the material already in the school that it may be more available to all and that it may not be needlessly duplicated.

3. They shall advise the teachers in the selection of art material.

4. They shall systemize the Howland Fund requests of the teachers for this line of illustrative material that there may be an evident advance yearly in the educative influence of the material procured.

5. They shall communicate with the trustees of the Public Library with reference to establishing a method of loaning to the schools the art material under their care.

6. They shall suggest means by which citizens may be led to take an interest in the movement and to supplement the efforts of the School Board and of the teachers.

7. They shall ascertain and bring to the knowledge of the School Board and of the teachers steps taken, methods adopted, and results secured in this line in other places.

8. They shall have authority to call meetings of the organization through the permanent chairman.

The undersigned committee, therefore, in pursuance of instruction given to them, respectfully present to the School Board the above statement of the aim of the organization and suggest that should the Board see fit to

express its official recognition of this committee and its approval of these aims, such action would serve as a strong moral support to the Committee and as a stimulus to the zeal of all the teachers in this important direction.

The committee further respectfully present the suggestion of the teachers that the Board appoint from its own members a committee—of such size and title as the Board may deem best—to co-operate with this committee of teachers.

The committee also desire to state to the board that while they anticipate much more widely spread and more intelligent interest in this matter on the part of the teachers than has heretofore existed, yet, as a matter of fact, the majority of teachers have been much interested but have had as yet no recognized channel of making their interest known to those in authority.

Respectfully submitted,

MARY W. GILBERT,  
MARY E. AUSTIN,  
LYDIA A. MACREADING,  
MARY L. PETTY,  
JANE E. GILMORE,  
ISABELLA LUSCOMB,  
ANNIE G. BRAWLEY,

Committee.



The School Committee at once created a committee to be known as the Committee on Art to co-operate with the teachers' committee. These committees met and considered plans by which the contemplated work could best be done.

I shall be compelled to reserve for some future time a detailed account of what has been accomplished so far in the way of carrying out the designs of the committees. The work has not yet crystallized but a fair beginning has been made. In the spring an exhibition of photographs and casts was held by the teachers for a week in the City Hall, to which admission was charged to secure funds to procure some works of art for the schools. Many persons visited the exhibit, and from the proceeds realized, some casts and pictures were purchased and placed in the schools. A number of others were purchased by friends of the schools and donated to them. The teachers in a number of the buildings have contributed generously also to purchase pictures and casts for their own buildings. No picture or work of art is now permitted to be placed in the schools without permission of the committee on art. That committee hopes soon to go through the schools and take from them such pictures and other decorations as it deems unworthy to remain there. It also hopes to have the walls of the schoolrooms and halls tinted in such a manner as to please good taste and at the same time be restful to the eyes of the pupils. This last is a most important matter. I have been informed by ophthalmic surgeons of high reputations that the eyesight of many pupils is permanently injured by the glaring walls so common to school-houses. When the Harrington school was repaired last summer the walls and ceilings of the whole building were tinted in colors that were harmonious and pleasing and at the same time were restful to the eye. As other buildings are repaired this plan will be pursued.



THE RELATION OF SUPERINTENDENT AND  
TEACHERS.

In all business affairs of any magnitude, whether public or private, it has been found necessary from time immemorial to have executive heads to conduct them if they were to be managed successfully and economically. Political history reveals to us the great responsibility that rests on government executives, and could we be as well informed in commercial history, we would realize that business executives have corresponding responsibilities, and upon them depends in a great measure the policy that brings success or failure to the affairs entrusted to their charge.

Not until recent years has it been thought necessary to apply the same principles in the conduct of schools as have been so long applied to other public affairs and to private business. In our country, this has been especially true, and of the East more than of the West. But it has at last been recognized, and hence the City Superintendent of Schools. Boston, it is true, had a superintendent some forty or more years ago, and New Bedford soon after instituted the office; but it was not until a much more recent date that the office was general to the cities of New England. The great city of Philadelphia had no superintendent of schools until some fifteen years ago, and no more wasteful or ill-conducted system of schools existed in any city of this Union until the advent of Mr. Macallister, who changed its whole complexion.

But I do not intend to dwell upon the evolution of the city superintendent of schools. I wish simply to direct your attention to the fact that he has not yet existed so long that it is fully established what his duties ought to be, and the views put forth in this paper must be chiefly my

own, based upon my own experience. I wish to quote briefly, however, from a writer on school supervision. He says: "City Superintendency of Schools may be considered as a prism with polygonal bases. One face is turned toward the material appliances used in school work; one toward school authorities; another toward the people at large; another towards the patrons of the schools; still another toward the teachers; the last and most important of all toward the pupils."

This, to me, is a good statement of the city superintendent's position. His relation to the pupils is the most important one of all, for without the pupils the schools would not have occasion to exist; but the relation of the superintendent to the teachers is of the next importance, for through them must every policy instituted by him become a success or a failure.

It must be very evident to anyone giving the matter any consideration that the size of the city must govern in a great measure the character of the superintendent's work. Superintendents of great cities like Chicago, New York and even Boston cannot know their teachers; and even those of 100,000 inhabitants cannot know them well unless relieved of much that is now expected of them. In the smaller cities, the superintendents may know their teachers more or less intimately and their work by visits to their rooms, by meetings of various kinds, and by consultations with principals. In this respect they have a greater privilege than those of larger cities.

But the superintendent of every city, whether large or small, must influence in a greater or less degree each teacher in it, if not directly, at least indirectly.

He can do this, first by the organization of the schools. The conditions under which teachers work each day have great influence, not only on the results obtained by them, but on their health and happiness. The superintendent

can do much to make these conditions good, and should do so. He should influence the purchase of suitable sites for schoolhouses, see to it that the plans of the buildings are suited to the purposes for which they are to be used, and that they are properly heated, lighted and ventilated. He should plan for the proper grading of the schools, and secure such legislation from the School Committee as will prevent overcrowding of rooms with pupils and pushing them on into higher grades when they are not prepared, in order to relieve the greater pressure from below. How many teachers suffer from these evils to-day, notwithstanding the great advance made in this direction within the past few years. There are other matters of organization that the superintendent, by his acts, may cause to lighten and lubricate the work of the teachers or to produce the opposite effect.

Second. The superintendent, by his attitude toward the selection and retention of teachers, influences the whole school system in a matter that is of supreme importance to its efficiency, and, moreover, affects the well being of every good teacher in it. Let the superintendent have a low ideal of the qualifications that a teacher should possess, or let him be influenced to appoint teachers whom he knows to be unsuited for the profession and soon the schools are honeycombed with a number of incompetents, who not only do their own work poorly, but are the bane of every good teacher in the corps. Once get such teachers in the schools, and it is a herculean task to dislodge them and in trying to do so many a superintendent has been sacrificed. But on the other hand, if the superintendent in season and out of season insists on refined, well educated, and professionally trained teachers, he will get them in time. Twelve years ago, neither professional training nor any preparation beyond a course in the High school was demanded here of grade teachers; now, no city demands more thorough preparation.

And we all know what this means. It means that a larger proportion of the teachers each year is better educated, and is professionally trained, and the whole school structure strengthened thereby. For every teacher who is mentally well equipped and professionally trained, not only does his own work better than he would without these qualifications, but makes the work of every teacher who follows him easier and more successful. For these reasons, a superintendent can do his teachers no greater service than to strengthen the corps of the city, from the lowest in the highest grade.

Third. The superintendent should know what is going on in the educational world and frame for use in his schools courses of study that are sound and progressive; he should provide the schools with suitable books and apparatus for work. But in these matters he should consult freely with the principals, special teachers and grade teachers and give due weight to the opinion of each class; for while he, from his vantage ground, can realize better, perhaps, the relation of each part to the whole and observe better the results obtained in the whole school system, the teachers only can have that intimate knowledge of the practical difficulties that are met with in applying a course of study; can better know the merits or faults of a text-book; and determine, also, what apparatus and appliances are most helpful to them. A superintendent who fails to consult his teachers freely in these matters and is not governed by the consensus of opinion of the best ones, in my judgment is wrong and puts them at a disadvantage. It is too often the case that either the influence of publishing houses and their agents, or a wrong assumption of authority by the superintendent and committee, cause teachers to work with tools that they would not have if they had a voice in their selection.



Fourth. The attitude that the superintendent assumes toward the teachers in his dealings with the School Committee and the public will have an important bearing on the teacher's work and influence as well as on his personal well being. He has a constant opportunity either to strengthen the teachers' hands or to weaken their position by giving ear and countenance to criticism based on superficial or erroneous information and by sympathizing with displeased parents and their friends in order to get their good will. In these and in many other ways he can make the teachers' place harder to bear. But on the other hand, if he speaks a word of commendation for the teachers when his acts are criticised; asks of complaining parents suspension of judgment until he can investigate their accusations, and defends the teacher when investigation proves the pupil to be in the wrong, whether it pleases the parent or not, the superintendent gives the teacher a support that is of great value to him. Of course, the teacher should never be sustained when he is palpably in the wrong, but the superintendent should always take pains to learn the facts in every case, and, if he finds that the teacher has made a mistake, even then he should be guarded in his condemnation to other than the teacher himself. Too many superintendents ingratiate themselves with parents by a ready criticism of the acts of the teachers. Parents have their rights, pupils have theirs, and teachers have theirs and it is the duty of the superintendent to set forth clearly, when occasion arises, the relations that should exist between all, and try to harmonize differences with a just appreciation of future contingencies. I have had parents come to me in passion, bringing against teachers accusations, that, had they been accepted and encouragement given, would have injured materially the future careers of those teachers as well as the whole school system. I hold that it is the superintendent's duty to assume

that the teachers are right until it is proved to the contrary and not to act on the opposite assumption.

I have so far touched upon some general and indirect ways in which the acts and attitude of the superintendent affect the teachers under his jurisdiction. None of them relate to the most important part of his work—that of supervision. To perform this part of his duties intelligently and efficiently, he must observe the teachers in the school-room. In large cities, most of the direct supervision must necessarily be assigned to assistant superintendents, but even then, the superintendent should do as much visiting as possible.

In his visits he should observe the hygienic conditions of the school, and, if they are bad, determine how much is due to the neglect of the teacher, and how much to the remissness of the school authorities; he should notice also whether the teacher is neat in his appearance, and orderly in his habits; he should note the language and bearing of the teacher, his methods of teaching and governing, and results so far as possible of both.

The information thus gained by him must be used wisely, or these visits are of no practical value, and may prove a positive harm. This important question should be constantly before the superintendent—how can I use my knowledge that it may be most helpful to every teacher and serve the best interests of the schools as a whole? This question may be answered in several ways: 1, by direct suggestion to the teacher; 2, by conference with the principal of the school; 3, by teachers' meetings of various kinds; 4, by reports to the School Committee.

In dealing with the teacher directly, the superintendent should exercise a most friendly spirit, and guard against strong adverse criticism, unless suggestion and advice have first been tried and failed. He should never criticise the teacher in the presence of his pupils in such a manner



as to injure their respect for him in any way. It frequently happens that the superintendent feels compelled to criticise a teacher adversely and sometimes strongly but he cannot be too careful of his manner in doing it. Words of commendation are more helpful to most teachers than those of condemnation, and the superintendent is wise who seeks for opportunity to praise rather than censure.

In every well organized system of schools, there is a principal of every building, and those are best organized where he has a part of his time for supervision of the work of the other teachers. I have always considered that, in a city or large town, the superintendent should direct the policy of the schools through the agency of the principals; that the relation should be closer and more confidential between him and them than between him and the grade teachers. The longer my experience, the more I am convinced that this is the true policy. By meetings with the principals as a body, he can outline his plans and secure their opinion as to feasibility of these plans in practice, and, with their advice and co-operation, make success almost certain. At these meetings, also, he can state to them his observations and criticisms on general matters pertaining to the schools and promote such action as will produce good methods of work and government in all of them.

These meetings should be supplemented by conferences with each principal in relation to his own teachers; and by a free interchange of opinion, both will be able to act in unison and to mutual advantage.

It is well, I think, for the superintendent to hold from time to time other meetings of the teachers. I do not believe in general meetings of all the teachers, except for some special reason; it is well for him to hold grade meetings as occasion may require, and also to hold meetings

of all the teachers of a school to speak on matters that relate to them especially.

But more than all, the superintendent should strive to set before his teachers a high ideal of the dignity and importance of the profession in which they are both engaged; should try to create an esprit de corps that will influence them all to put forth their highest endeavor; and by his acts should make them feel, if possible, that in him they have a just counsellor and friend, to whom they may come at all times for advice and assistance.

Now what should the superintendent expect of the teachers and how can they help him in his work? It seems to me that the superintendent does not require too much of his teachers when he asks that they shall be well educated and properly trained for their profession; that they shall show the spirit of progress by continued self-cultivation and professional study; that by conduct, speech and dress they shall set before their pupils a good example in all these particulars; that they shall be diligent in service, kind and thoughtful in governing their pupils, and always sincere in their relations with the superintendent and the school authorities. I would go still further and say that I think they should give such attention to their physical well being as to enable them, as far as is in their power, to appear in their schoolrooms each day fresh and vigorous.

If all teachers would strive to live up to these ideals, the labors of the superintendent would be much lightened and his office would be a far more pleasant one. And if more teachers would give the superintendent an opportunity to help them, meet him half way and not compel him to force his advice upon them, it would be of great value and assistance to him in his work. Too many teachers stand aloof from their superintendent and do not receive his offers of help in the proper spirit; and by far too few seek

his advice and co-operation. I have had many teachers, in my experience, say to me after a friendly talk on some matter that was troubling them, if I had consulted you before I should have saved myself much annoyance.

In unity there is strength. Let superintendents and teachers in their relations to each other bear this in mind. By working harmoniously together and with singleness of purpose they can increase each other's influence not only in the schoolroom but in outside affairs. Both are engaged in a noble profession, whose results are potent for good or evil. Let each exercise toward the other patience and forbearance; let their intercourse be tempered with mutual good will and the results will be reflected not only in themselves but in the pupils under their charge.

### CONCLUSION.

The schools are criticised for many things. Some of these criticisms are just and more perhaps unjust. But with all their faults the public schools are doing a work which deserves the recognition and support of every citizen. What other agency is doing so much for the perpetuation of the republic by making its fundamental foundations a moral and enlightened people who are its source of strength and safety. It is often said that the schools are generously supported. They are not any too well supported. What would this country become without them? They stand in great need of a kind of support that they cannot have too much of, and that is the thoughtful consideration and active service in their behalf of the broadest minded and most cultured citizens of every community. Such persons are needed more and more in the direct management of the schools if they are to be to the country all they ought to be. The teachers, the patient, earnest, and faith-

ful laborers in a service which is of the noblest, deserve an adequate recognition of the importance and value of their work. This is being accorded them more and more each year, and with the broader education and the professional training now demanded of them, their occupation may yet take its place among the learned professions where it deservedly belongs.

In closing, I wish to express my appreciation of the hearty co-operation given me by the teachers of the city through the many years that I have worked with them. Whatsoever progress has been made, whatsoever good has resulted, to them belongs the greater part of the credit. They have borne the burden from which others have reaped the reward.

Respectfully submitted,

WILLIAM E. HATCH,

Superintendent of Schools.

1900—CITY DOCUMENT No. 7.

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TWENTY-FIRST ANNUAL REPORT

OF THE

BOARD OF HEALTH

OF THE

CITY OF NEW BEDFORD,

TO THE

CITY COUNCIL,

FOR THE YEAR 1899.

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NEW BEDFORD:

MERCURY PUB. CO., CITY PRINTERS.

1900.





# REPORT.

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OFFICE OF BOARD OF HEALTH,  
NEW BEDFORD, Jan. 4, 1900.

*To His Honor, the Mayor, and Gentlemen of the City Council:*

GENTLEMEN :—The Board of Health respectfully submits its 21st annual report, covering the work of the department for the year 1899, but before going into the detail of this work, we desire to refer to several matters which in our opinion are of vital importance to the community, and which call for serious reflection on your part as well as ours.

The death rate of children in this city under one year of age has been excessive the past year. From an investigation as to the cause we are led to believe, inasmuch as the greater percentage of such deaths have been in families where the heads are employed in mills, that the little ones are not properly nurtured. Cow's milk has been the principal food and while the board has succeeded in a measure in bettering the condition of cow stables maintained in the city, yet we are unable to reach many deliveries of the product which come from out of town.

We believe that the Inspector of Milk should license only such producers and dealers as are acceptable to the board, and that legislative action should be taken to more fully control this food supply.

Complaints of the sewage in Clark's Cove the past year have been so numerous and justifiable that we are led to believe that something must speedily be done to avert serious trouble in that section of the city adjacent thereto. For lack of circulation in the waters of the cove the sewage which has collected there for a number of years becomes very offensive. Under certain conditions the mill operatives in the Howland and Rotch Mills, during the summer months, have been greatly inconvenienced thereby, and living as it were in the midst of this foulness cannot be conducive to health.

The Board renews its recommendation that the sewer outlets emptying into the cove be carried out to a point in deeper water which will prevent the return of such quantities of sewage as to make the cove a nuisance.

### CONTAGIOUS DISEASE HOSPITAL.

Last year in our annual report we called your attention to the need of a contagious disease hospital. At the time it will be remembered we did not urge the building of an elaborate structure, but the occupancy of a suitable place for the isolation of such cases of scarlet fever and diphtheria as cannot be treated in the families where discovered.

During the year just ended we had two emphatic illustrations of the wisdom of maintaining such a hospital.

In one case scarlet fever was discovered in a family occupying a public building in the centre of the city, a building in which hundreds enter every day of the year, and had it not been for the kindness of the relatives of the patient, this building would of necessity been closed to the public, which would have caused great inconvenience.

## CONTAGIOUS DISEASES.

There have been reported at this office during the last twelve months, 1161 deaths and in the same period, 406 contagious and infectious diseases. This shows an excess in the number of contagious and infectious diseases reported over the year previous, the increase being with scarlet fever. There were nearly double the number of scarlet fever cases as both typhoid fever and diphtheria combined.

Fortunately scarlet fever was of a very mild form the past year, the deaths from this disease being but eleven (11), a small percentage compared with the number of cases treated.

Because of this mild form of the disease many parents were not aware that their children were ill, and such children were permitted, unknown to the board, to attend school, thus spreading the contagion among their play fellows. In many of these cases no physician was employed, and it required the most active supervision of the schools to weed out such cases, to prevent a further spread of the disease.

Again if parents of children afflicted with contagious and infectious diseases would only exercise a little judgment in preventing their off-spring from mingling with other children in their respective neighborhoods, the spread would be less.

The past year we have had numerous such complaints and in each case we have endeavored to point out the folly of this freedom. We have no control of patients in their domestic life, but we certainly desire the co-operation of every householder in the community, in our effort to prevent the spread of disease. We quarantine and placard houses where such diseases exist, but we cannot station an officer at each house to prevent children enter-

ing such a building, and cases have been reported to us where children have been allowed to enter dwellings where exists scarlet fever, without fear or hindrance from the heads of the family. This is contrary to all accepted laws for prevention of the spread of diseases, and householders should be more careful in the future.

In this connection once more we desire to state that disinfection of premises is compulsory and no matter what method a family may employ after illness, the board insists on disinfection by its agent, Formaldehyde gas being the disinfecting quality. This is acknowledged the world over the best germicidal and disinfecting agent, and is in no way injurious to the property left in the rooms to be treated. Some think it a hardship that the board should insist on this precaution after they have burned sulphur, but we feel that as a safeguard to the community the best way is the safest, hence the use of Formaldehyde gas. This is done at no expense to the householder, as the work is performed by the health officer of the board.

The use of the culture in assisting in the diagnosis of diphtheria we are pleased to say increased during the year, and is now very general throughout the city, although a few physicians decline to make use of this recognized method. There were taken last year 186 cultures.

### VACCINATION.

During the past year there have been 513 vaccinations, of which number 101 were revaccinations.

### PLUMBERS' LICENSES.

The following additional plumbers' licenses have been issued since January 1, 1899:—

Alexander Jones,	Journeyman.
James J. Phelan,	“
George McCarthy,	“
Edwin R. Carr,	“
Wilfred L. Bacon,	“
Herbert C. Reynolds,	“
Edwin D. Lawton,	“
P. M. Haughey,	“
Frank McKenna,	“
Allan McAlpin,	“
James Y. Potter,	“
Michael L. Sylvia,	2nd Master.
Allen J. Searell,	“
John Hargraves,	“

### COW STABLES.

There have been issued during the year thirty-three licenses to maintain cow stables, each one of which has been personally inspected by the members of the board.

### UNDERTAKERS' LICENSES.

In compliance with chapter 437, acts of 1897 the board has licensed a suitable number of undertakers for the burial of the dead, the following being those who now hold licenses :

E. T. Wilson, Henry P. Wilson, Weston C. Vaughan, Jr., Charles E. Vaughan, Robert G. Bennett, John Rogers, John F. Rogers, Joseph S. Williams, J. D. Sullivan, John E. Moriarty, T. J. Murphy, J. B. Jean, Lagasse & Dubois, A. Desaultels, Leon Goldstein, Simon Simanski, 2nd.

## INSPECTIONS.

During the year the board has personally inspected 43 cow barns, 40 piggeries besides making 139 other personal inspections on various complaints.

Respectfully submitted,

WM. G. KIRSCHBAUM,  
JOHN T. BULLARD, M. D.,  
M. V. SYLVIA, M. D.



EXPENDITURES FOR THE YEAR ENDING  
NOV. 30, 1899.

December, 1898,	\$1,534.82	
January, 1899,	1,705.08	
February, “	1,625.04	
March, “	1,746.50	
April, “	1,728.69	
May, “	1,768.09	
June, “	1,726.47	
July, “	1,684.91	
August, “	1,788.02	
September, “	1,860.39	
October, “	1,731.41	
November, “	1,613.83	
	<hr/>	
Whole expense,		\$20,513.25
Whole sum appropriated,		20,000.00
		<hr/>
Deficit,		\$513.25

During the year 1899 the following permits and licenses were granted by the board :

Cleaning vaults and cesspools, 23.

To reinter, 92.

To enter sewers, 191.

Stable licenses, 13.

Swine licenses, 29.

Cattle licenses, 33.

Undertakers' licenses, 16.

Number of privy-vaults abolished, 19.

Number of notices issued, 64.

Number of complaints received at this office, 90.

Of this number 11 were found upon investigation to be without cause.

One house was abandoned by the board during the year not being fit for habitation.

JANUARY 1, 1900.

*To the Board of Health.*

Gentlemen:—I have the honor to submit the following report of the work done by me as medical inspector during the year 1899:

Number of visits for all purposes, 942.

There have been reported at this office 369 cases of contagious disease, comprising scarlet fever, diphtheria and typhoid fever, classified as follows:

Ages.	Under 5	5-10	10-20	20-30	30-40	40-50	50-60	60-70	Total
Diphtheria.	33	31	14	5	2	1	1		87
Scarlet fever.	75	86	40	4	4	1			210
Typhoid fever.	4	7	12	22	15	6	4	2	72
Total.	112	124	66	31	21	8	5	2	369

Of diphtheria there was an increase of nine cases over 1898. Most of the cases were of mild type. The deaths in the majority of cases, were among infants. The percentage of deaths from this disease in this city was 25. This is remarkably high with the treatment of the present day.

From my observations I am convinced that this number has been reached from three causes:

- a* Failure of the parent to summon medical aid early.
- b* Failure of the physician to recognize the disease.
- c* Want of antitoxin treatment.

In several cases the best efforts of skillful physicians have been rendered void by complications or extension of membrane.

Bacteriological tests have been taken in one hundred and eighty-six instances, of which one hundred and twenty-one were taken by the writer. Until every prac-

tioner appreciates and employs this method and relies upon antitoxin instead of an antiquated pharmacopaea, our households will continue to be threatened and our unenviable death rate maintained.

Scarlet fever has been unusually prevalent, 210 cases having been reported against 109 for 1898, more than half appearing during the last four months of the year. They were, as a rule, very mild and the large number is attributable to this mildness of course and at times absence of leading symptoms, which lead parents to believe that the disease was not scarlet fever, and the consequent exposure of others before a physician could be called and the proper restrictions put on the case. In several instances, children presenting suspicious symptoms have been refused admission to schools by the teachers, and of these, many on investigation have been found to have had scarlet fever.

Typhoid fever has not occurred as frequently as in the past years, and the cases have, as a rule, run a mild course. No common source of contagion could be found.

Scarlet fever being especially prevalent among children attending the Dunbar Street school, in the early fall, at the request of the chairman, I examined all children who were or had been ill, and sent home one child having scarlet fever, six with impetigo contagiosa, one with sore throat, one with a suspicious eruption and one with pediculosis. The Sylvia Ann Howland school also was visited and two children suffering of impetigo sent home. Another case of this disease was seen and sent out of Fifth Street Grammar school.

Three families suspected of having been exposed to small pox were visited daily for three days.

In addition to the above duties, I have investigated the cause of death and furnished certificates in forty cases.

From the careful obedience to the rules for the prevention of the spreading of typhoid fever, which I have seen in the household of every case, I am sure that the board's action in causing the circulars to be printed, was most commendable. I would beg to suggest that circulars of instruction for the management of diphtheria and of scarlet fever also be printed and issued as called for. Under the present arrangement, verbal instruction is liable to be soon forgotten, or the meaning distorted when given through an interpreter. Printed on a card it has more meaning, and I am sure, will be more closely followed.

In conclusion, I desire to thank the several members and employes for uniform courtesies and valuable assistance.

Very respectfully,

EDMOND F. CODY, M. D.

Medical Inspector.

NEW BEDFORD, Jan. 1, 1900.

*To the Board of Health:*

GENTLEMEN :—I herewith submit the record of deaths and contagious and infectious diseases for the year ending Dec. 31, 1899.

## MORTUARY REPORT, 1899.

CAUSE OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	Septemb'r	October.	November	December	Total.
Atelectasis . . . . .	1	.	1	.	.	.	.	.	1	.	.	3	6
Asthma . . . . .	1	.	.	.	.	.	.	.	.	.	.	.	1
Apoplexy . . . . .	3	7	1	4	4	.	4	2	7	4	7	3	46
Accident, shock . . . . .	.	.	1	.	.	.	.	.	.	.	.	.	1
Accident, powder explosion . . . . .	.	.	.	.	.	.	1	.	.	.	.	.	1
Accident, injuries . . . . .	.	.	.	.	.	.	.	1	.	.	.	.	1
Abscess, bronchial . . . . .	.	.	1	.	.	.	.	.	.	.	.	.	1
Abscess, cerebral . . . . .	.	.	1	.	.	.	.	.	.	.	.	.	1
Abscess, abdominal . . . . .	.	.	.	.	.	.	.	.	.	.	1	.	1
Abscess, pelvic . . . . .	.	.	.	.	.	.	.	.	.	.	1	.	1
Abscess, pelvic, tub. . . . .	.	.	.	.	.	.	.	.	.	1	.	.	1
Anæmia . . . . .	.	.	1	1	1	1	.	.	.	.	1	1	6
Asphyxia . . . . .	.	.	.	.	.	.	.	.	.	1	.	.	1
Addison's disease . . . . .	.	.	.	.	.	.	.	.	.	1	.	.	1
Appendicitis . . . . .	.	.	.	1	.	.	.	2	.	.	.	.	3
Alcoholism . . . . .	.	.	.	1	1	.	.	.	2	.	.	.	4
Bronchitis . . . . .	4	1	1	1	4	1	1	3	2	.	3	4	25
Bronchitis, cap. . . . .	3	2	1	2	.	.	.	.	.	.	.	.	8
Burns . . . . .	.	.	.	.	.	1	1	.	.	.	.	.	2
Brain disease . . . . .	.	2	.	.	.	.	2	1	1	.	5	.	11
Convulsions . . . . .	4	2	6	6	2	4	1	2	1	1	1	1	31
Cancer . . . . .	.	.	.	1	.	1	1	.	1	3	.	1	8
Cancer of mesenteric glands . . . . .	1	.	.	.	.	.	.	.	.	.	.	.	1
Cancer of stomach . . . . .	1	.	.	2	1	2	1	1	1	1	1	1	12
Cancer of uterus . . . . .	.	1	1	1	.	.	.	.	1	.	3	.	7
Cancer of face . . . . .	.	.	.	1	.	.	.	.	.	2	.	.	3
Cancer of liver and stomach . . . . .	.	.	.	1	.	.	.	.	.	.	.	.	1
Cancer liver . . . . .	.	.	.	1	2	1	1	.	1	1	.	1	8
Cancer of penis . . . . .	.	.	.	.	1	.	.	.	.	.	.	.	1
Cancer of pancreas . . . . .	.	.	.	.	.	.	.	.	1	.	.	.	1
Cancer of intestines . . . . .	.	.	.	.	.	.	1	.	.	.	.	.	1
Cancer of thyroid gland . . . . .	.	.	.	.	.	.	.	.	.	.	1	.	1
Cancer of stomach and breast . . . . .	.	.	.	.	.	.	.	.	1	.	.	.	1
Cholera infantum . . . . .	.	.	.	1	1	3	27	29	11	2	.	.	74
Colitis . . . . .	.	.	.	.	.	.	.	2	2	.	1	1	6
Cholera morbus . . . . .	.	.	.	.	.	.	.	1	.	.	.	.	1
Cyanosis . . . . .	1	.	.	.	.	.	.	.	.	.	.	.	1
Childbirth . . . . .	1	.	.	.	.	.	.	.	.	.	.	.	1
Cystitis . . . . .	.	.	1	.	1	.	.	.	.	2	.	1	5
Diphtheria . . . . .	5	4	2	1	2	1	3	2	.	1	.	4	25
Debility . . . . .	1	1	2	5	1	1	.	1	2	1	.	1	16
Debility, infan. . . . .	5	11	7	9	6	3	12	10	12	4	10	5	94
Diabetes . . . . .	.	1	.	.	.	.	.	.	.	.	1	.	5
Drowning . . . . .	.	.	.	2	1	1	.	1	1	.	.	1	7
Diarrhea . . . . .	.	.	.	1	.	1	1	.	.	.	.	.	3
Epilepsy . . . . .	1	.	.	.	.	.	.	.	.	.	.	.	1
Embolism, cer. . . . .	1	.	.	.	.	.	.	1	.	.	1	.	3

MORTUARY REPORT, 1899, *Continued.*

CAUSE OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Enteritis . . . . .		1	1				1	6			1	1	11
Enteritis, gastro . . . . .	1		1		1	1	2	5	8	1			20
Enterocolitis . . . . .								2	3			1	6
Eclampsia . . . . .		1				1				1			3
Eclampsia, Puerperal . . . . .						1							1
Embolus, Pul. . . . .			1										1
Erysipelas . . . . .											1	1	2
Empyema . . . . .				1									1
Encephalitis . . . . .						1							1
Fever, typhoid . . . . .	2			1				2	3	2	3	3	16
Fever, scarlet . . . . .	1				1	3	1	1			3	1	11
Fracture of head bones . . . . .							1						1
Fracture of thigh . . . . .								1					1
Fracture of skull . . . . .									1	1			2
Gastritis . . . . .	1	1		1		1	1						5
Gangrene . . . . .					1								1
Gangrene, pul. . . . .								1					1
Gangrene of foot . . . . .									1				1
Groin, abscess of . . . . .									1				1
Grave's disease . . . . .		1							1				2
Hemorrhage . . . . .		1	1					1					3
Hemorrhage, Internal . . . . .	1												1
Hemorrhage, pul. . . . .	2											1	3
Heart disease . . . . .	15	10	14	11	15	6	6	8	5	3	10	6	109
Hemiplegia . . . . .	1	1			1	1							4
Hæmoptysis . . . . .				1									1
Hæmatemesis . . . . .				1									1
Hepatitis . . . . .								1					1
Influenza . . . . .	7	4			1								12
Intestinal obstruction . . . . .	1				1		1	2					5
Injury to internal organ . . . . .			1										1
Injury to head . . . . .												1	1
Imperforate anus . . . . .			1										1
Kidney disease . . . . .	4	3	6	5	6	9	4	8	1	1	7	5	59
Lungs, œdema of . . . . .	1			1		1						1	4
Lungs, congestion of . . . . .	1					1	1						3
Liver, disease of . . . . .						1				1	1		3
Liver, cirrhosis of . . . . .		1	1										2
Liver, congestion of . . . . .											1		1
Lymphadenoma . . . . .		1											1
Laryngitis, tub. . . . .				1									1
Malnutrition . . . . .	1			1		1			2				5
Meningitis . . . . .	1	5	2	4	4	2	3	3	2	5	1	5	37
Meningitis, cer. . . . .	1	1								1			3
Meningitis, spinal . . . . .		1	2						1	2		1	7
Meningitis, cerebro spinal . . . . .		1							1	1			3
Meningitis, tub. . . . .			1		1			1		2			5



MORTUARY REPORT, 1899, *Continued.*[illegible]



## MORTUARY REPORT, 1899.

	January.	February.	March.	April.	May.	June.	July.	August.	Septemb'r	October.	November	December	Total.
Whole number of deaths . . .	113	107	92	116	92	76	94	120	109	66	77	99	1161
Whole number of males . . .	47	49	48	66	45	40	55	70	56	35	34	49	594
Whole number of females . . .	66	58	44	50	47	36	39	50	53	31	43	50	567
Stillborn . . { Males . . .	6	4	2	2	2	3	4	6	4	2	1	3	39
{ Females . . .	5	4	4	2	4	3	2	1	3	3	4	3	38
Whole number . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	77

Estimating the population at 56,000, the death rate per 1,000 inhabitants is 20.71 +.

## CONTAGIOUS AND INFECTIOUS DISEASES.

	January.	February.	March.	April.	May.	June.	July.	August.	Septemb'r	October.	November	December	Total.
Scarlet fever . . . . .	11	14	11	13	18	18	10	4	12	22	36	41	210
Diphtheria . . . . .	20	8	4	6	6	8	11	6	1	4	6	7	87
Measles . . . . .	1	1	1	2	6	12	7	4	1	1	2	2	37
Typhoid fever . . . . .	3	.	.	1	2	4	2	10	11	7	22	10	72
Whole number . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	406

Respectfully submitted,

SUSAN J. SMALL, *Clerk.*

## REPORT OF HEALTH INSPECTOR.

*To the Board of Health:*

GENTLEMEN :—I hereby submit the following report for the year ending Dec. 31, 1899 :

- Filthy privies and overflowing vaults and cesspools, 34.
- Filthy premises, 32.
- Filthy ash piles and barrels, 12.
- Filthy and defective water closets, 30.
- Defective and clogged drains, 13.
- Defective privies and vaults, 10.
- Defective plumbing, 8.
- Barn and barn-cellar nuisances, 11.
- Manure piles removed, 7.
- Complaints from the location of privies, 38.
- Hens, goats and pigeon house nuisances, 19.
- Bad smelling sand catchers, 13.
- Water in cellar, 5.
- Swill nuisances, 13.
- Collecting swill without a license, 2.
- Unlicensed cows and pigs, 8.
- Investigating locations for license to keep cows and pigs, 33.
- Complaints without cause, 11.
- Number of inspections, 346.
- Notices served and posted, 133.
- Houses placarded for contagious and infectuous diseases, 218.
- Number of rooms fumigated, 412.

Respectfully submitted,

WILLIAM E. MACOMBER,

Health Inspector.

NEW BEDFORD, Jan. 1, 1900.

*To the Board of Health:*

GENTLEMEN:—I have the honor to submit the following report of the work performed by me as Inspector of Plumbing:

NUMBER OF PERMITS ISSUED.

New buildings, 95.

Old buildings, 403.

Additions, 187.

Number of inspections, 996.

Number of reinspections, 187.

Whole number of inspections, 1,494.

NUMBER OF FIXTURES PLACED IN BUILDINGS.

Sinks, 595.

Water closets, 486.

Wash bowls, 207.

Bath tubs, 149.

Wash trays, 39.

Urinals, 13.

Total fixtures, 1,488.

Respectfully submitted,

LOUIS H. RICHARDSON,

Inspector of Plumbing.

NEW BEDFORD, Jan. 1, 1900.

*To the Board of Health:*

GENTLEMEN:—I have the honor to submit the following report:

Collected and disposed of the past year under contract with city, about 25 tons of garbage daily, including fish, shells, animals, etc.; 192 horses, 125 of them taken alive and shot; 15 horses affected with glanders; 15 cows; 6 calves; 8 pigs; 263 dogs and cats.

Respectfully submitted,

EDGAR H. GAMMONS,

Contractor.



## REPORT OF THE BOARD OF EXAMINERS.

*To the Board of Health:*

GENTLEMEN :—During the year 1899 there were held twelve meetings. Three masters and eleven journeymen were recommended for licenses. One master and four journeymen failed to pass their first examination but were successful in another trial.

Respectfully submitted,

WM. G. KIRSCHBAUM,  
Chairman.

EDMUND O'KEEFE,  
WILLIAM DEACON.

} Board  
of  
Examiners.

JANUARY 1, 1900.

*To the Board of Health.*

GENTLEMEN :—I have the honor to submit the following report as quarantine physician for the year 1899 :

Boarded eighteen (18) vessels arriving from foreign ports. None of these vessels were detained in quarantine as no contagious or infectious disease existed.

In March, 1899, in consequence of small-pox existing in Norfolk, Virginia, all vessels coming from Virginian ports were boarded by me to ascertain if any sickness prevailed. None of these vessels were detained.

Respectfully submitted,

JOHN T. BULLARD,

Quarantine Physician.

IN BOARD OF ALDERMEN,

February 21, 1900.

Received, and ordered printed in the City Documents,  
and sent down for concurrence.

D. B. LEONARD, City Clerk.

IN COMMON COUNCIL,

2 mo., 21, 1900.

Concurred.

WILLIAM A. MACKIE, Clerk.



1900—CITY DOCUMENT No. 8.

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THE

AUDITOR'S ANNUAL REPORT

OF THE

RECEIPTS AND EXPENDITURES

OF THE

CITY OF NEW BEDFORD,

FOR THE YEAR 1899.

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NEW BEDFORD:  
MERCURY PUBLISHING Co., CITY PRINTERS  
1900.





CITY OF NEW BEDFORD,

AUDITOR'S OFFICE,

March 19, 1900.

*To the Honorable, the City Council of New Bedford:*

GENTLEMEN:—I have the honor to submit herewith the annual report of the receipts and expenditures of the city of New Bedford for the financial year ending on the first Monday in December, 1899; with a statement of the City debt; a schedule of the city property and the estimated value thereof; and other statements that have been deemed of interest.

Very respectfully,

CHARLES J. MCGURK,

City Auditor.

# AUDITOR'S REPORT.

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JAMES H. HATHAWAY, ESQ., CITY TREASURER,  
IN ACCOUNT WITH THE CITY OF NEW BEDFORD.

DR.

December 5, 1898. To balance of cash,		\$75,971.60
Appropriations, general taxes, 1899,	\$892,758.49	
"          "          "      1898,	41,314.29	
"          "          "      1897,	14,141.39	
"          "          "      1896,	469.23	
"          "          "      1895,	92.38	
"          "          "      1894,	10.24	
"          special, bonds,      1898,	171,000.00	
Cemeteries,	6,123.67	
Cemeteries, sale of lots,	3,490.00	
City property,	82.26	
Commonwealth of Mass., Chap. 164 of 1897,	468.25	
"          "          "      279 of 1894,	1,040.90	
"          "          "      301 of 1894,	10,260.00	
"          "          "      561 of 1898,	628.00	
Engineering department,	47.72	
Fire department,	317.90	
Free Public Library, dog fund,	1,255.46	
Free Public Library, trustees of—		
James B. Congdon, gift,	30.00	
George O. Crocker, bequest,	400.00	
Oliver Crocker, bequest,	60.00	
George Howland, Jr., gift,	96.00	
Sylvia Ann Howland, bequest,	3,000.00	
Charles W. Morgan, bequest,	60.00	
Charles L. Wood, library fund,	80.00	
Highways and streets, .	23,038.69	
Land damages, Purchase street, No. 4,	50.70	

1900.

## AUDITOR'S REPORT.

5

Incidentals,	339.51	
New Bedford School Committee—		
Sylvia Ann Howland fund,	3,000.00	
J. Bourne prize fund,	60.00	
New Bedford Water Works,	105,771.87	
“        “        further water supply,	581.12	
Park commission,	143.12	
Police department,	6,622.16	
Poor department,	11,183.67	
Printing, binding and stationery,	4.00	
Public school, incidentals,	696.66	
“        “        pay of teachers,	10.00	
“        “        dog fund,	1,255.46	
Department of wharves,	3,904.69	
General sewers,	7,065.65	
Public debt,	96,776.34	
Real estate, tax account,	1,289.37	
Temporary loan,	680,000.00	
Unappropriated funds,	141,524.38	2,230,543.57
		<hr/>
		2,306,515.17

# AUDITOR'S REPORT.

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JAMES H. HATHAWAY, ESQ., CITY TREASURER,  
IN ACCOUNT WITH THE CITY OF NEW BEDFORD.

CR.

Armories and military property,	\$3,377.35
Board of Assessors,	5,844.64
Board of Health,	20,513.25
Cemeteries,	21,970.27
Cemeteries, sale of lots,	4,651.64
City property,	6,535.63
Schoolhouse, Brock avenue, heating, etc.,	500.00
Almshouse, alterations,	1,139.79
Harrington school, heating, repairs, etc.,	14,094.34
Commonwealth of Mass., Chap. 164 of 1897,	315.00
"        "        "        "        279 of 1894,	2,720.00
"        "        "        "        301 of 1894,	10,564.40
"        "        "        "        447 of 1890,	9,046.22
"        "        "        "        561 of 1898,	284.00
Court judgments,	764.75
Elections,	5,563.03
Engineering department,	9,108.11
"        "        bound stones,	157.58
"        "        grade crossings,	357.90
Fire Department,	78,246.43
Free Public Library,	11,680.00
"        "        "        dog fund,	617.50
Free Public Library, trustees of—	
James B. Congdon, gift,	20.03
George O. Crocker, bequest,	561.43
Oliver Crocker, bequest,	21.16
George Howland, Jr., gift,	25.00
Sylvia Ann Howland,	2,425.67

Charles W. Morgan, bequest,	71.60
Charles L. Wood, library fund,	41.97
Reading room fund,	431.60
Highways and streets,	165,894.33
Land damages, Acushnet avenue, No. 1,	150.00
“ “ “ “ No. 2,	5,452.20
“ “ Kempton street, No. 1,	1,175.00
“ “ “ “ No. 2,	1,971.62
“ “ Purchase street, No. 3,	847.86
“ “ “ “ No. 4,	1,204.56
“ “ “ “ No. 5,	2,949.63
“ “ South street,	1,100.00
“ “ Trinity street,	168.40
Incidentals,	42,411.58
“ Memorial day,	746.00
“ Fourth of July,	655.84
License commission,	505.49
Lighting the streets,	48,363.72
Coggeshall street bridge,	398.46
New Bedford and Fairhaven bridge,	1,582.28
“ school committee, Howland fund,	2,156.93
“ “ “ J. Bourne prize fund,	60.00
New Bedford Water Works,	140,775.06
“ “ “ further water supply,	50,281.65
Park commission,	18,879.33
Police department,	117,501.55
Poor department,	62,335.10
Printing, binding and stationery,	3,264.98
Public baths,	2,335.73
Public schools, incidentals,	50,343.58
“ “ pay of teachers,	137,569.65
“ “ repairs of buildings,	5,970.29
“ “ dog fund,	792.32
“ “ kindergartens,	3,332.77
Department of wharves,	4,632.32
Salaries,	24,370.06
Sewers, general account,	17,655.64
“ Brook street,	1,329.05
“ Chancery street, No. 7,	392.60
“ Collette and Front streets,	812.89
“ County street, No. 19,	139.15
“ Dudley street,	1,184.09
“ Holly street,	1,260.70
“ Locust street, No. 6,	331.53
“ Orchard street, No. 8,	340.66

Sewers, Parker street,	206.49	
“ Sixth street, No. 4,	97.50	
“ Summer street,	134.84	
“ Valentine street,	331.55	
“ Willis street, No. 5,	111.45	
Claims,	340.98	
Schoolhouse, Coggeshall street, plans, etc.,	2,152.42	
City hospital, plans, etc.,	3,274.25	
Pingree plan, for benefit poor, etc.,	964.43	
Public debt,	250,761.89	
Real estate, tax account,	2,052.26	
Sinking fund,	98,494.55	
Temporary loan,	775,000.00	
	<hr/>	\$2,269,197.50
City Treasurer, balance of cash,		37,317.67
		<hr/>
		\$2,306,515.17



# Expenditures in Detail.

## APPROPRIATIONS, GENERAL, 1899.

Armories and military property,	\$2,500.00
Board of Assessors,	6,000.00
Board of Health,	20,000.00
Cemeteries,	12,000.00
City property,	6,500.00
Commonwealth of Mass., Chap. 279 of 1894,	1,000.00
“ “ “ 447 of 1890,	6,000.00
Elections,	5,000.00
Engineering department,	9,000.00
Fire department,	78,000.00
Free Public Library,	11,680.00
Highways and streets,	75,600.00
Incidentals,	30,000.00
License commission,	1,000.00
Lighting the streets,	50,000.00
Coggeshall street bridge,	200.00
New Bedford and Fairhaven bridge,	1,500.00
New Bedford Water Works,	12,000.00
Park commission,	12,000.00
Police department,	116,000.00
Poor department,	55,000.00
Printing, binding and stationery,	3,000.00
Public schools, incidentals,	42,500.00
“ “ pay of teachers,	81,584.00
“ “ repair of buildings,	6,600.00
Salaries,	24,300.00
Sewers, general account,	12,000.00
Pingree plan, for benefit of poor, etc.,	1,000.00
Public debt,	159,176.89
Sinking fund,	98,494.55
	<hr/>
	\$939,635.44

## CR.

By receipts as per Treasurer's reports,	\$892,758.49	
December 4, 1899. Balance,	46,876.95	<u>\$939,635.44</u>

## DR.

December 4, 1899. To balance,	<u>\$46,876.95</u>
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## APPROPRIATIONS, GENERAL, 1898.

## DR.

December 5, 1898,	<u>\$71,373.49</u>
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## CR.

By receipts as per Treasurer's reports,	\$41,314.29	
December 4, 1899. Balance,	30,059.20	<u>\$71,373.49</u>

## DR.

December 4, 1899. To balance,	<u>\$30,059.20</u>
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## APPROPRIATIONS, GENERAL, 1897.

## DR.

December 5, 1898,	<u>\$30,845.74</u>
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## CR.

Receipts as per Treasurer's reports,	\$14,141.39	
December 4, 1899. Balance,	16,704.35	<u>\$30,845.74</u>

1900.

## AUDITOR'S REPORT.

11

## DR.

December 4, 1899. By balance,

\$16,704.35

## APPROPRIATIONS, GENERAL, 1896.

## DR.

December 5, 1898,

\$25,522.45

## CR.

Receipts as per Treasurer's reports,

\$ 469.23

December 4, 1899. Balance,

25,053.22

\$25,522.45

## DR.

December 4, 1899. To balance,

\$25,053.22

## APPROPRIATIONS, GENERAL, 1895.

## DR.

December 5, 1898,

\$17,197.36

## CR.

Receipts as per Treasurer's reports,

\$92.38

December 4, 1899. Balance,

17,104.98

\$17,197.36

## DR.

December 4, 1899. To balance,

\$17,104.98

## APPROPRIATIONS, GENERAL, 1894.

## DR.

December 5, 1898,		\$21,646.91
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## CR.

Receipts as per Treasurer's reports,	\$10.24	
Transfer from unappropriated funds,	21,635.77	\$21,646.01

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## APPROPRIATIONS, SPECIAL, 1899.

## DR.

Cemeteries,	\$4,500.00	
Harrington school, heating, repairs, etc.,	16,000.00	
Engineering, bound stones,	200.00	
Highways and streets,	44,400.00	
Land damages, Acushnet avenue, No. 1,	150.00	
"    "    Acushnet avenue, No. 2,	4,600.00	
"    "    Kempton street, No. 1,	1,175.00	
"    "    Kempton street, No. 2,	7,000.00	
"    "    South street,	1,100.00	
"    "    Trinity street,	168.40	
Public baths,	5,000.00	
Public schools, incidentals,	7,000.00	
Sewer, Brook street,	1,200.00	
"    Chancery street, No. 7,	392.60	
"    Collette and Front streets,	1,000.00	
"    County street, No. 19,	150.00	
"    Dudley street,	1,500.00	
"    Holly street,	2,500.00	
"    Locust street, No. 6,	400.00	
"    Orchard street, No. 8,	500.00	
"    Parker street,	500.00	
"    Sixth street, No. 4,	200.00	
"    Summer street,	150.00	
"    Valentine street,	300.00	
"    Willis street, No. 5,	200.00	
Claims,	348.98	
Dredging docks,	2,590.00	
School house, Coggeshall street, plans, etc.,	2,152.43	\$105,377.41

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## DR.

December 4, 1899. To balance,	\$105,377.41
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## APPROPRIATIONS, SPECIAL, 1898.

## DR.

December 5, 1898,	\$232,484.38
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## CR.

Receipts as per Treasurer's report,	\$171,000.00	
Transfer from unappropriated funds,	32,416.84	
December 4, 1899. Balance,	29,067.54	\$232,484.38

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## DR.

December 4, 1899. To balance,	\$29,067.54
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## ARMORIES AND MILITARY PROPERTY.

## DR.

## BATTERY E., FIRST REGIMENT, M. V. M., ARMORY.

F. T. Akin & Co., fuel,	\$47.25	
F. B. Greene, agent, rent,	700.00	
F. B. Greene, agent, heating,	59.50	
T. J. Gifford & Co., heating repairs,	12.55	
Kern & Wright, stock and labor,	5.34	
New Bedford Gas & Edison Light Co., lighting,	406.39	
So. Mass. Telephone Co., service and tolls,	27.60	1,258.63

## G. COMPANY, NAVAL BRIGADE, ARMORY.

F. T. Akin & Co., paint and brushes,	\$9.15	
Wm. P. Briggs, locks and keys,	34.00	
City Coal Co., fuel,	30.45	
T. S. Corson, fuel,	18.25	
Denison Bros. Co., fuel,	4.50	
George N. Gardiner, coal,	100.00	
John A. Neal, fuel,	24.75	
New Bedford Gas & Edison Light Co., lighting,	293.22	
New Bedford Gas & Edison Light Co., repairs and supplies,	8.57	
Proprietors of Lewis's Hall, rent,	800.00	
Frank C. Smith, storage of boats,	4.35	
Wm. R. West, painting and glazing,	11.85	
C. F. Wing, furniture and repairs,	232.93	1,572.02

## PROVISIONAL MILITIA.

E. Anthony & Sons, advertising,	\$ .90	.90
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## RIFLE RANGE.

Blossom Bros., lumber and labor,	\$8.88	
Wm. P. Briggs, installing telephone,	240.00	
Edward I. Piper, targets,	6.00	
Henry W. Tripp, stock and labor,	269.42	
C. F. Wing, stove and pipe,	21.50	545.80
		<u>\$3,377.35</u>

## CR.

By appropriation,	\$2,500.00	
By transfer from unappropriated funds,	800.00	
Transfer to balance,	77.35	<u>\$3,377.35</u>



## BOARD OF ASSESSORS.

## DR.

## Pay rolls:—

Clerical help.		\$4,355.75
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## Carriage hire:—

J. H. Finnell,	\$47.00	
E. C. Gardiner,	130.50	
T. F. Healy,	9.00	
S. F. Perry & Son,	.25	186.75

## Printing, binding and stationery:—

E. Anthony & Sons, Incorporated,	743.06	
Blackbird Pen Co.,	5.00	
F. P. Bridges & Co.,	3.00	
F. S. Brightman,	4.92	
Williston H. Collins & Co.,	118.85	
Library Bureau,	63.99	
Lyons Platinum Pen Co.,	4.00	
Mercury Publishing Co.,	7.70	
Robert W. Taber,	102.04	
F. S. Webster,	1.00	
Wyckoff, Seamans & Benedict,	.40	1,053.96

## Miscellaneous:—

F. T. Akin & Co., stock and labor,	\$2.19
Banker & Tradesman, subscription,	5.00
Bates Manf'g. Co., repairing numbering mach.,	2.15
F. S. Blanchard & Co., Mass. Year Book,	3.00
Briggs & Lawrence, repairing furniture,	4.25
C. O. Brightman, rack for plats,	16.49
Church & Hammond, supplies,	2.50
City Treasurer, cash advanced for stamps,	20.00
C. S. & B. Cummings, soap and matches,	2.00
C. F. Cushing, plat cases, etc.,	3.75
E. M. Durfee, stock and labor,	5.28
Chas. A. Gray & Co., freight and carting,	.67
W. A. Greenough & Co., City Directories,	5.00
Hatch & Co., express charges,	2.00
N. P. Hayes, screws,	.20
F. M. Jenkins, pair spectacles,	1.00
Moore & Dick, towels,	3.00
N. B. Gas & Edison Light Co.,	6.55
N. B. Rubber Co., corrugated rubber,	1.00
J. H. Nuttall, soap, disinfectant, etc.,	1.60

Packard Hardware Co., screws,	.10	
Abner P. Pope, stock and labor,	19.01	
Geo. D. Richards, supplies,	11.69	
C. R. Sherman, fitting lock,	.40	
Geo. B. Smith, Chm., list stockholders,	10.00	
So. Mass. Telephone Co., service and message,	42.15	
Union Street Railway Co., tickets,	10.00	
Charles F. Wing, desks and repairs,	60.75	
Wood, Brightman & Co., supplies,	6.45	248.18
		<hr/>
		\$5,844.64
Transfer to balance,		155.36
		<hr/>
		\$6,000.00
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CR.

By appropriation,	<hr/>	\$6,000.00
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## BOARD OF HEALTH.

## DR.

## Salaries :—

Edmund F. Cody, medical inspector,	\$500.00	
William Deacon, plumbing inspector,	82.62	
William E. Macomber, health officer,	\$22.25	
Louis H. Richardson, plumbing inspector,	1,400.00	
Susan J. Small, clerk,	600.00	\$3,404.87

## Carriage hire :—

Isaac L. Ashley,	16.00	
E. C. Gardiner,	13.00	
Kirby & Hicks,	45.50	
S. F. Perry & Son,	4.00	78.50

## Collecting garbage :—

Edgar H. Gammons,	15,000.00	15,000.00
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## Printing, binding and advertising :—

E. Anthony & Sons,	106.68	
W. H. Collins & Co.,	34.25	
Correio Portuguez,	.75	
Daily L'Independent,	8.80	
Mercurey Publishing Co.,	24.48	
N. B. Bulletin Publishing Co.,	5.00	
Newport Daily Press Co.,	2.75	
O. Independant,	1.50	184.21

## Vaccinations and investigations :—

John T. Bullard,	44.00	
Anna W. Croacher,	253.50	297.50

## Medical supplies :—

Frank M. Douglass,	164.40	
Fries Brothers,'	10.85	
C. H. & H. A. Lawton Co.,	10.40	185.65

## Stationery :—

Bates Manufacturing Co.,	1.18	
F. S. Brightman Co.,	3.42	
H. S. Hutchinson & Co.,	3.95	
R. W. Taber,	10.04	18.59

## Miscellaneous :—

F. T. Akin, lettering sign,	.60	
Almy & Hitch, labor,	1.35	
Ballard & Kirschbaum, index,	1.00	
Bates & Kirby, rent,	500.04	

R. G. Bennett, burial,	8.00	
F. S. Blanchard, year book,	3.00	
Bliss & Nye, water tank,	5.50	
Briggs & Lawrence, desk and repairs,	18.30	
Manuel Brown, services,	51.39	
Wm. H. Caswell, stock and labor,	1.83	
City Treasurer, cash for mileage and expenses,	32.55	
T. W. Cook, chairman, mileage and expenses,	30.00	
George M. Crapo, frames,	3.50	
William Deacon, services as examiner,	54.00	
DeWolf & Vincent, hardware,	.65	
John H. Ennis, signs,	37.25	
W. A. Greenough & Co., directory,	2.50	
Hatch & Co., express,	42.35	
J. B. Jean, services,	10.00	
W. E. Macomber, services and expenses,	101.62	
Mercury Publishing Co., subscription,	6.00	
N. B. Carpet Est., cleaning carpets,	5.84	
N. B. Gas & Edison Light Co., lighting,	9.45	
N. B. Gas & Edison Light Co., fan,	14.00	
N. B. Tow Boat Co., transportation,	215.00	
C. G. & G. A. Randall, lumber,	5.60	
Wm. H. Rankin, repairs,	1.25	
Geo. D. Richards, pail,	.25	
Ruggles & Ellison, cotton cloth,	.50	
Sanitary Construction Co., fumigator exchange,	15.50	
Mortimer Searles, rubber stamps,	7.30	
B. Sumner Shaw, loss of services,	24.00	
Louise B. Shaw, " " "	8.00	
C. R. Sherman & Son, labor,	.50	
So. Mass. Telephone Co., services and tolls,	57.90	
R. M. Starbuck, plumbing chart,	5.00	
Wamsutta Club, entertainment,	14.15	
W. U. Telegraph Co., service,	42.94	
M. P. Wood, labor and material,	5.02	1,343.93
		<u>\$20,513.25</u>

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 CR.

By appropriation,	\$20,000.00	
Transfer to balance,	513.25	\$20,513.25

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## CEMETERIES.

## DR.

## Pay rolls:—

Oak Grove Cemetery,	\$5,786.28	
Pine Grove Cemetery,	614.19	
Rural Cemetery,	7,177.14	\$13,577.61

## Salaries:—

Charles F. Cornell, superintendent,	1,200.00	
Pardon A. Macomber, clerk,	939.00	
Nelson A. Pike, sexton,	600.00	
Hurlbert E. Thomas, sexton,	600.00	3,339.00

## Advertising, printing and stationery:—

E. Anthony & Sons,	221.06	
F. S. Brightman Co.,	3.50	
W. H. Collins & Co.,	68.00	
H. S. Hutchinson & Co.,	26.14	
Joseph P. Kennedy,	3.50	
Library Bureau,	11.00	
Mercury Publishing Co.,	11.00	
Morgan, Crossman & Co.,	13.05	
R. W. Taber,	21.27	378.52

## Carriage Hire:—

Isaac L. Ashley,	4.00	
E. C. Gardiner,	9.00	
Kirby & Hicks,	10.25	
S. F. Perry & Son,	5.00	
E. G. Reynolds,	1.50	
T. S. Swift,	5.00	34.75

## Dressing:—

James Burke,	92.40	
John Connors,	34.74	
Patrick Connors,	37.49	
Albert Cox,	41.73	
James Duddy,	148.17	
David Ferguson,	50.00	
Thomas Hersom & Co.,	7.25	
Leonard Keen, Jr.,	16.67	
Joseph F. Perry,	29.79	
Timothy Sheehan,	72.09	
John A. Smith,	28.38	
Charles W. Wordell,	5.92	564.63

## Cinders, loam and sand :—

John Connors,	50.00	
James Duddy,	16.00	
A. W. Perkins & Co.,	30.57	
Sarah E. Sears,	37.57	
Timothy Sheehan,	50.00	184.14

## Hardware, tools and fitting :—

Lattimer S. Blake,	1.00	
William P. Butler,	1.70	
DeWolf & Vincent,	100.45	
Hugh L. Donaghy,	2.60	
C. L. Dunham,	37.71	
R. T. Durfey,	1.50	
Jonathan Handy Co.,	21.58	
N. P. Hayes,	4.30	
Hillman, Washburn & Co.,	29.13	
Perry P. Jenney & Son,	7.68	
S. C. Lowe,	180.00	
John McCue,	20.64	
I. H. Peckham,	1.43	
E. H. Pierce,	13.40	
John C. Sylvia,	60.68	
Taylor & Donaghy,	21.84	
Peleg C. Wilcox,	15.02	520.66

## Miscellaneous :—

John Bertram, concrete,	43.32	
Briggs & Lawrence, webbing and repairs,	3.95	
F. S. Blanchard, year book,	3.00	
Bliss & Nye, pails,	7.50	
E. Bunker, acid, pumice and sponges,	14.50	
William H. Caswell, paint stock and labor,	120.97	
George A. Cobb, stock and labor,	15.21	
D. H. Demoranville, freight and carting,	1.00	
David Duff & Son, coal,	6.20	
C. L. Dunham, heating apparatus,	184.84	
“ “ stock and labor,	12.18	
E. Fournier, lumber, labor and carting,	674.59	
Fournier & Nicholson, lumber, labor and carting,	120.79	
Edgar H. Gammons, cleaning vault,	1.50	
C. A. Gray & Co., carting,	1.25	
M. S. Greene, stock and labor,	129.13	
W. A. Greenough & Co., directories,	7.50	
T. M. Hart & Co., canvas and twine,	46.25	



D. L. Hathaway & Son, stock and labor,	380.75	
Highways and streets, tar, pitch and screenings,	8.09	
C. H. & H. A. Lawton Co., acid and sponges,	6.10	
S. C. Lowe, heating apparatus,	175.00	
"    "    stock and labor,	8.62	
P. A. Macomber, office expenses,	65.89	
Merchants National Bank, rent,	300.00	
N. B. Gas & Edison Light Co., lighting,	16.72	
"    "    "    "    labor and supplies,	5.25	
N. B. Ice Co., ice,	26.08	
John G. Nichololson, travelling expenses,	7.50	
George H. Nye, photographs and plates,	25.00	
S. S. Paine & Bro., cement and carting,	51.90	
C. S. Paisler, cement, pipe and carting,	162.39	
Samuel W. Peckham, police service,	47.04	
Thomas J. Peed,    "    "	45.00	
Charles E. Peirce, stock and labor,	116.85	
William Peirce, shrubs,	47.50	
E. F. Penney, labor and supplies,	5.60	
S. T. Rex, labor and material,	52.20	
George D. Richards, supplies,	22.15	
William A. Robinson & Co., sperm oil,	5.60	
W. F. Sturtevant, painting,	6.20	
So. Mass. Telephone Co., services,	113.00	
Charles H. Thomas, labor,	2.00	
Union Street Railway Co., car tickets,	75.00	
George H. Wade, seed,	3.00	
William R. West, paint, stock and labor,	156.75	
Wilson & Wordell, seed,	36.00	
"    "    trees,	3.00	
Wood, Brightman & Co., gas burner,	1.10	3,370.96
		<hr/> \$21,970.27
Transfer to balance,		653.40
		<hr/> \$22,623.67

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CR.

By appropriation,	\$12,000.00	
By special appropriation,	4,500.00	
Receipts as per Treasurer's reports,	6,123.67	\$22,623.67

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## CEMETERIES—SALE OF LOTS.

## DR.

Pay rolls,		\$1,751.81
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## Cinders, loam and sod:—

S. T. Alger,	\$1.80	
William P. Brightman,	5.00	
James Burke,	127.00	
John Connors,	100.00	
James Duddy,	11.00	
David Ferguson,	140.00	
John E. Gibbs,	25.00	
F. B. Hathaway,	12.00	
Frederick Hazard,	112.50	
Highways and streets,	51.34	
Annie G. Mahoney,	35.50	
Russell S. Lawton,	2.50	
Isaac H. Manchester,	11.00	
John W. Manchester,	11.10	
D. Poirier,	44.50	
Timothy Sheehan,	70.00	
B. I. Stowell,	50.00	
James T. Tripp,	3.35	813.59

## Dressing:—

Joseph C. Austin,	36.73	
James Burke,	70.96	
John Connors,	39.02	
Patrick Connors,	48.28	
James Duddy,	172.54	
David Ferguson,	31.05	
Leonard Keen, Jr.,	12.38	
Russell S. Lawton,	16.04	
J. H. Paige,	4.05	
Joseph F. Perry,	34.65	
David Warren,	19.61	485.31

## Plants, seed and shrubs:—

William S. Brown,	146.50	
Edward S. Haskell,	4.00	
August O. Jahn,	92.03	
William Peirce,	126.80	
M. H. Walsh,	8.75	
W. H. Wyman,	183.60	561.68

## Miscellaneous:—

Charles F. Chase, lumber and labor,	2.30	
City Treasurer, postage,	10.00	
George A. Cobb, labor and supplies,	2.90	
Coggeshall, Maxfield & Co., cocks and faucets,	42.00	
D. H. Demoranville, carting,	3.97	
DeWolf & Vincent, paint and brushes,	4.87	
C. L. Dunham, stock and labor,	23.35	
George A. Eggers, powder and fuse,	6.90	
E. Fournier, lumber and labor,	222.25	
T. M. Hart & Co., sail cloth,	23.80	
D. L. Hathaway & Son, stock & labor,	114.79	
Perry P. Jenney & Son, tools,	15.00	
Kern & Wright, paint supplies,	7.58	
S. C. Lowe, tools and supplies,	117.20	
J. L. G. Mason, agent, stock and labor,	53.68	
Wm. Maxfield & Son, paint and brushes,	6.23	
N. B. Boiler & Machine Co., pipe and nipples,	4.03	
N. B. Cordage Co., rope,	15.93	
N. B. Foundry & Machine Co., lumber and labor,	7.69	
N. B. Water Works, labor and material,	22.18	
Charles S. Paisler, cement,	12.70	
Charles E. Peirce, stock and labor,	5.96	
E. F. Penney, labor and material,	22.26	
A. W. Perkins & Co., sand,	6.68	
E. C. Taber, tools and supplies,	30.75	
E. T. Wilson & Son, land and tombs,	250.00	
Wood, Brightman & Co., pump repairs,	4.25	1,039.25

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\$4,651.64

563.46

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\$5,215.10

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December 4, 1899. To balance,

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CR.

December 5, 1898. By balance,	\$1,725.10	
Cash receipts as per Treasurer's report,	3,490.00	\$5,215.10

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CR.

December 4, 1899. By balance,	\$563.46
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## CEMETERY FUNDS.

CR.

December 4, 1899. By balance,

\$26,734.00

## CITY PROPERTY.

DR.

## Advertising:—

E. Anthony & Sons,	\$24.45	
Catholic Union Publishing Co.,	9.00	
Daily L' Independent,	6.00	
Mercury Publishing Co.,	18.92	
N. B. Bulletin Publishing Co.,	12.00	\$70.37

## Almshouse:—

F. T. Akin & Co.,	127.88	
J. L. Ballou,	51.52	
Thomas W. Croacher,	24.91	
General sewers,	6.25	
J. L. G. Mason,	1,118.95	
N. B. Boiler & Machine Co.,	22.66	
N. B. Gas & Edison Light Co.,	20.17	
A. W. Perkins & Co.,	160.46	
E. F. Penney,	173.73	1,706.53

## City Hall:—

J. L. Ballou,	8.45	
Briggs & Lawrence,	.35	
Samuel H. Cook & Co.,	100.00	
C. L. Dunham,	66.34	
E. M. Durfee,	.75	
Highways and streets,	38.97	
P. P. Jenney & Son,	1.80	
N. B. Gas & Edison Light Co.,	1.70	
William Peirce,	131.00	
E. F. Penney,	19.75	
A. P. Pope,	7.99	
A. W. Taber,	1.00	
Wilson & Wordell,	2.80	380.90

## Engine houses:—

George J. Allen & Co.,	196.13	
Babbitt, Wood & Co.,	89.39	
Frank C. Bennett,	588.25	
William H. Caswell,	291.38	
George A. Cobb,	310.20	
C. L. Dunham,	27.42	
Fairhaven Iron Foundry Co.,	69.48	
Highways and streets,	42.10	
John J. Meaney,	42.65	
John F. Parker,	29.25	
A. W. Perkins & Co.,	323.62	
E. F. Penney,	77.86	
John B. Sullivan,	15.40	
Martin H. Sullivan,	21.76	
F. P. Washburn,	339.94	
Lettice R. Washburn,	83.30	2,548.13

## Police stations:—

J. L. G. Mason,	15.02	
John J. Meaney,	5.25	
John V. O'Neil,	51.37	
A. W. Perkins & Co.,	13.00	
E. F. Penney,	110.19	
John B. Sullivan,	144.63	
Lettice R. Washburn,	2.96	342.42

## School buildings:—

Hugh L. Donaghy,	2.50	
Highways and streets,	.27	
Samuel C. Hunt,	206.50	
General sewers,	4.48	213.75

## Library building:—

F. T. Akin & Co.,	8.75	
Babbitt, Wood & Co.,	1.92	
Briggs & Lawrence,	11.35	
Wm. H. Caswell,	89.41	
C. L. Dunham,	137.01	
E. M. Durfee,	53.29	
Highways and streets,	1.00	
J. L. G. Mason,	8.15	
N. B. Boiler & Machine Co.,	215.99	
N. B. Gas & Edison Light Co.,	60.81	
N. B. Foundry & Machine Co.,	1.00	
William Peirce,	129.60	

A. W. Perkins & Co.,	8.00	
E. F. Penney,	9.77	
A. P. Pope,	10.32	
George D. Richards,	6.98	
C. R. Sherman,	6.40	
James H. Warren,	60.00	
Lettice R. Washburn,	75.58	
M. Pope Wood,	13.31	908.64
Wood yard:—		
Highways and streets,	3.39	
Jenney & Buffington,	3.96	
E. F. Penney,	19.75	
E. P. Sowle,	8.40	
George A. Sturtevant,	30.29	
Lettice R. Washburn,	19.55	85.34
Ward Rooms:—		
Highways and streets,	.41	
N. B. Gas & Edison Light Co.,	1.70	
E. F. Penney,	.85	
Frank B. Sistare,	186.22	189.18
Miscellaneous:—		
I. L. Ashley, carriage hire,	8.00	
Highways and streets, clearing snow,	3.00	
F. A. Kempton estate, rent,	25.00	
S. F. Perry & Co., carriage hire,	7.50	
A. P. Pope, labor on band stands,	7.95	
R. W. Taber, toilet paper and twine,	2.36	
Lettice R. Washburn, stock and labor,	36.56	90.37
		<u>\$6,535.63</u>
Transfer to balance,		46.63
		<u>\$6,582.26</u>

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 CR.

By appropriation,	\$6,500.00	
Receipts as per Treasurer's reports,	82.26	<u>\$6,582.26</u>

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## ALMSHOUSE ALTERATIONS AND REPAIRS.

## DR.

John L. G. Mason, agent, labor and material,	\$113.39	
John N. Morris, labor and material,	381.22	
N. B. Gas & Edison Light Co., wiring	568.68	
John V. O'Neil, labor and material,	76.50	1,139.79

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## CR.

December 5, 1898. By balance,	\$1,139.79
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SCHOOLHOUSE BROCK AVENUE, HEATING  
AND VENTILATING.

## DR.

Magee Furnace Co., apparatus and plumbing,	\$500.00
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## CR.

December 5, 1898. By balance,	\$500.00
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# HARRINGTON SCHOOL, HEATING AND VENTILATING, ALTERATIONS AND REPAIRS.

## DR.

David Duff & Son, labor and teaming,	\$24.75	
N. B. Gas & Edison Light Co., labor and material,	120.76	
N. B. Water Works, service, labor and material,	56.73	
E. F. Penney, labor and material,	432.33	
A. W. Perkins & Co., labor and material,	16.95	
George D. Richards, hoisting apparatus,	20.80	
A. A. Sanborn, apparatus,	5,500.00	
John B. Sullivan, labor and material,	5,755.95	
Lettice R. Washburn, labor and material,	2,166.07	\$14,094.34
December 4, 1899. To balance,		1,905.66
		<u>\$16,000.00</u>

## CR.

By special appropriations,	<u>\$16,000.00</u>
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## CR.

December 4, 1899. By balance,	<u>\$1,905.66</u>
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COMMONWEALTH OF MASSACHUSETTS,  
CHAP. 279 OF 1896, CHAP. 164 OF 1897.

BURIAL OF SOLDIERS.

DR.

December 5, 1898. To balance,		\$280.00
John Rogers,	\$35.00	
J. D. Sullivan,	70.00	
Weston C. Vaughan, Jr.,	35.00	
E. T. Wilson & Son,	175.60	315.00
		<u>\$595.00</u>

CR.

Receipts as per Treasurer's report,	\$468.25	
December 4, 1899. Balance,	126.75	<u>\$595.00</u>

DR.

December 4, 1899. To balance,	\$126.75
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COMMONWEALTH OF MASSACHUSETTS,  
CHAP. 279 OF 1894.

SOLDIERS' AID.

DR.

December 5, 1898. To balance,	\$919.61	
Disbursements by City Treasurer,	2,720.00	<u>\$3,639.61</u>

CR.

By appropriation,	\$1,000.00	
Receipts as per Treasurer's report,	1,040.00	
December 4, 1899. Balance,	1,599.61	<u>\$3,639.61</u>

DR.

December 4, 1899. To balance,	<u>\$1,599.61</u>
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COMMONWEALTH OF MASSACHUSETTS,  
CHAP. 301 OF 1894.

## STATE AID.

## DR.

December 5, 1898. To balance,	\$9,495.03	
Disbursements by City Treasurer,	10,564.40	<u>\$20,059.43</u>

## CR.

Receipts as per Treasurer's report,	\$10,260.90	
December 4, 1899. Balance,	9,798.53	<u>\$20,059.43</u>

## DR.

December 4, 1899. To balance,	<u>\$9,798.53</u>
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COMMONWEALTH OF MASSACHUSETTS,  
CHAP. 561 OF 1898.

## STATE AID.

## DR.

December 5, 1898. To balance,	\$488.00	
Disbursements by City Treasurer,	284.00	<u>\$772.00</u>

## CR.

Receipts as per Treasurer's report,	\$628.00	
December 4, 1899. Balance,	144.00	<u>\$772.00</u>

## DR.

December 4, 1899. To balance,	<u>\$144.00</u>
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COMMONWEALTH OF MASSACHUSETTS,  
CHAP. 447, OF 1890.

SOLDIERS' RELIEF.

DR.

Ashley & Peirce Clothing Co.,	\$49.97	
J. W. Bates & Co.,	9.00	
H. A. Blackmer,	4.00	
Boston Beef Co.,	222.00	
William Burke,	2.00	
Church & Hammond,	1.35	
City Treasurer,	8,524.60	
David Duff & Son,	131.05	
D. B. Folger,	3.00	
A. M. Gifford,	3.00	
Dr. George F. Lewis,	3.00	
Charles F. Perry,	6.00	
Mary Sauve,	81 25	
Union Boot & Shoe Co.,	6.00	\$9,046.22

CR.

By appropriation,	\$6,000.00	
Transfer from unappropriated funds,	2,500.00	
Transfer to balance,	546.22	\$9,046.22

COURT JUDGMENTS.

DR.

Emily S. Eames,	\$764.75
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CR.

By transfer to balance,	\$764.75
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## ELECTIONS.

## DR.

Precinct officers,		\$1,293.00
Clerical help :—		
Stephen Hafford, Jr.,	\$5.00	
B. F. Hathaway, Jr.,	7.50	
Edwin B. Jourdain,	5.00	
John N. O'Brien,	5.00	
Rodolphus A. Swan,	5.00	27.50
Carriage hire :—		
I. L. Ashley,	9 00	
C. R. Cornell,	18.00	
E. C. Gardiner,	9.00	
Kirby & Hicks,	12.00	
C. H. Murphy,	12.00	
S. F. Perry & Son,	6.00	
E. G. Reynolds,	9.00	
William D. Richards,	12.00	
David Warren,	9.00	96.00
Advertising and printing :—		
E. Anthony & Sons,	1,453.76	
Catholic Union Publishing Co.,	293.00	
W. H. Collins & Co.,	43.30	
Daily L'Independant,	265.00	
Mercury Publishing Co.,	432.04	
N. B. Bulletin Publishing Co.,	486.19	2,973.29
Rents :—		
Harry M. Blake,	50.00	
George L. Dyer estate,	40.00	
Joseph W. Jones,	20.00	
David Kempton, 2nd estate,	37.50	147.50
Miscellaneous :—		
Albion T. Brownell, lunches,	15.20	
Chadwick & Co., candles,	.72	
Coffin Bros., boxes,	27.00	
Commonwealth of Massachusetts, apparatus,	555.00	
Benjamin Corbett, cleaning,	2.00	
David Duff & Son, coal,	1.65	
C. L. Dunham, sundries and carting,	2.40	
Faunce & Johnson, labor and supplies,	54.63	
Patrick Ferguson, cleaning,	16.00	



John A. Gomley, carting,	20.00	
Highways and Streets, carting,	.67	
Morgan, Crossman & Co., stamps,	13.25	
N. B. Gas & Edison Light Co., lighting and supplies,	26.82	
John Notter, fuel,	2.70	
John N. O'Brien, fuel,	1.25	
A. D. Piper, services,	10.00	
C. B. Piper, services,	15.00	
D. M. Piper, services,	4.00	
A. P. Pope, stock and labor,	77.80	
W. H. Rankin, labor,	.50	
Edward T. Sherman, services,	162.00	
Robert W. Taber, stationery,	9.12	
F. H. Winship, lunches,	3.50	
Wood, Brightman & Co., stock and labor,	4.53	1,025.74
		<u>\$5,563.03</u>

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CR.

By appropriation,	\$5,000.00	
Transfer to balance,	563.03	<u>\$5,563.03</u>

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## ENGINEERING DEPARTMENT.

DR.

Pay rolls,		\$7,807.80
F. T. Akin & Co., setting glass,	.45	
Edwin Allen, express,	.75	
E. Anthony & Sons, paper and printing,	22.86	
Charles O. Brightman, stock and labor,	2.37	
Wm. R. Best, mantle and chimney,	.50	
Church & Hammond, brush,	.10	
City Government Pub. Co., subscriptions,	3.00	
W. H. Collins & Co., ruling and binding,	14.25	
C. S. & B. Cummings, matches and soap,	2.03	
De Wolf & Vincent, tacks,	.90	
Eugene Dietzgen Co., print paper,	1.44	
Draper Manufacturing Co., charts,	7.50	
George A. Eggers, key,	.20	
Franklin Manufacturing Co., crayons,	3.50	
Frost & Adams Co., tracing cloth,	19.04	
Harriet H. Gilman, rent and light,	748.78	
Greene & Wood, stubs,	5.45	
T. M. Hart & Co., twine,	.18	
Hatch & Co., express,	4.05	
A. E. Hathaway, repairs,	.50	
N. P. Hayes, hardware,	.98	
Highways and streets, labor, stock and carting,	12.08	
H. L. Hutchinson & Co., rubber bands,	.12	
Perry P. Jenney & Son, labor,	1.07	
William L. Kelley, tide gauge and fitting,	13.50	
Joseph P. Kennedy, envelopes,	.35	
George A. Kimball, services,	37.60	
Kirby & Hicks, carriage hire,	72.75	
James E. Moody, repairs,	3.41	
Municipal Engineering Co., subscription,	2.00	
N. B. Co-operative Co., express,	.30	
N. B. Gas & Edison Light Co., lighting,	6.92	
“ “ “ labor and supplies,	.42	
N. B. Ice Co., ice,	26.08	
William F. Nye, oil,	1.80	
A. D. Piper, washing towels,	7.33	
S. F. Perry & Son, carriage hire,	1.50	
George D. Richards, cuspidor,	.75	
Mortimer Searles, ink,	.80	
C. R. Sherman, labor and supplies,	2.20	

E. G. Soltman, blue print paper,	5.55	
So. Mass. Telephone Co., service and tolls,	69.50	
Spaulding Print Paper Co., cloth,	30.00	
Robert W. Taber, stationery,	21.57	
"    "    subscription,	5.00	
Union Street Railway Co., car tickets,	95.00	
West & Jones, boat hire,	2.00	
W. U. Telegraph Co., service,	4.53	
William F. Williams, mileage and expenses,	32.60	
Wood, Brightman & Co., mantles and chimneys,	2.40	
Wyckoff, Seamans & Benedict, book and ribbon,	2.35	1,300.31
		<hr/>
		\$9,108.11
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## CR.

By appropriation,	\$9,000.00	
Receipts as per Treasurer's reports,	47.72	
Transfer to balance,	60.39	\$9,108.11
		<hr/>

ENGINEERING DEPARTMENT — SETTING  
BOUND STONES ON NEW EAST LINE OF  
ACUSHNET AVENUE FROM LUND'S COR-  
NER, NORTH.

## DR.

Pay rolls,		\$101.90
John B. Sullivan, bound stones,	\$55.00	
Highways and streets, carting,	.68	55.68
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		\$157.58
Transfer to balance,		42.42
		<hr/>
		\$200.00

## CR.

By special appropriation,	\$200.00
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ENGINEERING DEPARTMENT—GRADE  
CROSSINGS.

## DR.

Pay rolls,		\$193.50
W. H. Collins & Co., binding,	\$5.50	
Hatch & Co., express,	.30	
George A. Kimball, consultations,	110.20	
Kirby & Hicks, hacking,	2.50	
S. F. Perry & Son, hacking,	.50	
So. Mass. Telephone Co., tolls,	3.75	
Western Union Telegraph Co., telegrams,	2.16	
William F. Williams, travelling expenses,	39.49	164.40
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		\$357.90

## CR.

Dec. 5. 1898. By balance,	\$357.90
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## FIRE DEPARTMENT.

## DR.

## Salaries:—

Frederick Macy, chief engineer,	\$1,500.00	
Loring T. Parlow, 1st assistant engineer,	225.00	
Edward F. Dahill, 2d assistant engineer,	249.96	
James J. Donaghy, 3d assistant engineer,	249.96	
William A. Gibbs, 4th assistant engineer,	249.96	
Frederick B. Macy, clerk,	200.04	\$2,674.92

## Pay rolls:—

Protecting Society,	150.00
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Permanent men,	44,043.61
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Engine Co. No. 1,	\$1,393.35	
“ “ No. 2,	1,272.49	
“ “ No. 4,	1,393.74	
“ “ No. 5,	1,394.04	
“ “ No. 6,	1,353.56	
“ “ No. 7,	1,393.74	
“ “ No. 8,	1,281.24	
“ “ No. 9,	575.00	
Hook and Ladder Co. No. 1,	1,272.05	
“ “ “ “ No. 2,	1,272.51	
“ “ “ “ No. 3,	1,216.25	
Hose Co., No. 2,	627.50	
Chemical Engine Co., No. 1,	412.00	14,857.47

## Blacksmithing:—

F. A. Bonneau,	100.60	
N. H. Caswell,	47.35	
H. B. Churbuck,	95.32	
U. E. Collette,	62.51	
E. M. Durfee,	27.86	
Hugh L. Donaghy,	23.26	
Fichtenmayer & Flynn,	344.97	
Fuller & Donaghy,	72.55	
N. T. Fuller,	39.51	
A. E. Hathaway,	102.20	
J. L. Luce,	62.70	
E. L. Macomber,	38.25	
E. B. Macy,	114.19	
C. L. Shaw,	2.50	
Julius C. Sylvia,	27.75	
Taylor & Donaghy,	102.43	
U. Vigneault,	41.50	1,305.45

## Hay, grain and fuel:—

F. T. Akin & Co.,	161.46	
William Baylies,	1,401.89	
C. S. Benson,	3.84	
H. T. Borden,	12.75	
J. A. Bouvier,	181.32	
Joseph T. Brownell,	49.98	
City Coal Co.,	840.26	
Denison Brothers Co.,	11.00	
Denison, Pummer Co.,	541.26	
David Duff & Son,	360.39	
Charles E. Ellis,	46.00	
S. L. Horvitz,	271.61	
L. B. Howland,	3.00	
Mary P. Hubbard,	20.08	
J. Frank Kirk,	154.06	
Mortimer McCarthy,	662.79	
John Notter,	151.32	
Seth Peirce,	115.22	
Poor Department,	90.00	
D. H. Potter,	101.25	
Rockland Farm,	60.80	
John A. Russell,	3.25	
Spencer's wood yard,	2.60	
Walter Taber,	6.15	
Frank Tinkham,	111.09	
W. P. Wilson,	70.99	5,434.36

## Horse and carriage hire:—

H. T. Ashley,	76.00	
I. L. Ashley,	14.50	
J. V. Bancroft,	105.00	
S. Desautels,	92.00	
John Hilton,	7.00	
M. McCarty,	122.00	
I. W. Manchester,	113.50	
J. Henry Peirce,	6.00	
Timothy Sheehan,	121.00	
T. S. Swift,	48.00	
A. A. Sylvia,	12.00	
David Warren,	83.00	800.00

## Supplies:—

Acushnet Iron Co.,	52.88
F. T. Akin & Co.,	63.92
American Electrical Co.,	24.81



American Steel & Wire Co.,	54.00
Atlas Tack Co.,	8.00
Babbitt, Wood & Co.,	59.09
J. A. & W. Bird & Co.,	83.23
James E. Blake,	2.59
Boston Duster Co.,	16.88
Brightman Brothers,	15.63
Briggs & Lawrence,	25.50
Broad Gauge Iron Works,	9.00
Wm. P. Butler,	3.32
Cornelius Callahan Co.,	445.60
L. C. Capen,	10.20
George A. Cobb,	7.42
C. S. & B. Cummings,	3.47
E. F. Dahill,	1.88
W. E. Decrow,	602.17
DeWolf & Vincent,	56.43
J. B. Dion,	3.50
Thomas Donaghy,	7.00
F. M. Douglass,	6.25
Driscoll, Church & Hall,	126.07
C. L. Dunham,	20.21
Samuel Eastman Co.,	25.00
Edes Manufacturing Co.,	111.00
D. W. Fisher & Co.,	22.00
C. A. Galligan,	8.63
M. S. Greene,	1.65
Jonathan Handy Co.,	3.13
Edward M. Hart,	3.65
T. M. Hart & Co.,	2.37
S. F. Hayward & Co.	58.00
Hillman, Washburn & Co.,	12.48
George S. Homer,	7.50
S. C. Lowe,	20.50
Manchester Locomotive Works,	17.50
T. J. Moriarty,	51.04
A. J. Morse & Sons,	4.00
R. F. Morse,	5.10
N. B. Boiler & Machine Co.,	12.06
N. B. Cordage Co.,	2.63
N. B. Rubber Co.,	.40
New York Nozzle Co.,	15.00
Packard Hardware Co.,	63.51
C. S. Paisler,	1.12
E. F. Penney,	32.80

E. H. Pierce,	17.35	
Popes Island Mfg. Co.,	5.25	
George D. Richards,	37.65	
C. R. Sherman,	4.38	
Slocum & Kilburn,	3.00	
So. Mass. Telephone Co.,	18.14	
J. V. Spare,	21.21	
M. L. Sylvia,	1.80	
A. G. Stanton,	.90	
William T. Taylor,	2.25	
H. H. Vincent & Co.,	12.00	
Wamsutta Mills,	28.00	
William R. West,	49.36	
E. B. Whiting & Co.,	52.40	
Samuel Whitlow,	1.50	
John S. Williams,	71.00	
George S. Willis,	25.00	
Wilson & Wordell,	21.42	
Charles F. Wing,	24.00	
Wood, Brightman & Co.,	48.43	2,635.16

## Harnesses and repairs:—

William Cronin & Co.,	242.57	
C. F. Cushing,	12.25	
F. A. Frates,	43.55	
Healy & Riley,	29.05	
George G. Huddy,	22.35	
C. N. Perkins & Co.,	18.00	367.77

## Repair engine houses:—

Charles E. Allen,	.85	
Blossom Brothers,	38.84	
George A. Bosworth,	3.14	
Thomas W. Croacher,	10.40	
P. D. Drew,	5.33	
C. L. Dunham,	100.49	
Fournier & Nicholson,	.48	
Greene & Wood,	161.88	
M. S. Greene,	6.66	
Kern & Wright,	9.60	
John L. G. Mason,	26.85	
T. J. Moriarty,	2.20	
N. B. Boiler & Machine Co.,	5.86	
John G. Nicholson,	1.03	
E. F. Penney,	118.83	
C. G. & G. A. Randall,	5.50	

James L. Sherman,	5.03	
E. & K. C. Terry,	6.28	
Charles Thompson,	10.60	
William R. West,	6.55	526.40

## Miscellaneous:—

Edwin Allen, express,	.60
Almy & Hitch, repairs,	1.80
E. Anthony & Sons, printing,	30.84
“ “ “ subscriptions,	48.00
H. P. Babson, horse medicine,	32.00
Belknap Motor Co., water motor,	138.00
F. S. Brightman Co., advertising,	10.00
Daniel D. Briggs, disbursements,	41.43
Brownell, Ashley & Co., repair apparatus,	174.16
Bullock & Waldron, horse medicine,	13.15
W. H. Collins & Co., ruling and binding,	8.50
Pardon Cornell, ice,	9.00
Henry T. Corson, prescriptions,	21.00
Charles A. Cotter, flag,	5.00
W. W. Cunliffe, horse,	176.00
Walter H. Darling, steward,	20.00
W. E. Deerow, storage battery,	1,475.00
D. H. DeMoranville, freight and carting,	.94
James Duddy, carting,	2.00
A. A. Dunlap, services,	102.50
C. E. Ellis, chairman, committee expenses,	31.25
Gardner & Southwick, heater,	25.00
C. A. Gray & Co., carting and freight,	14.41
Hatch & Co., express,	22.45
A. E. Hathaway, rent,	120.00
F. B. Hathaway, labor,	20.00
L. J. Hathaway, repair apparatus,	9.50
W. L. Kelley, clock and repairs,	25.84
C. H. & H. A. Lawton Co., horse medicine,	24.72
L. A. Littlefield, plating,	4.15
Frederick Macy, disbursements,	130.55
“ “ board of horse,	300.00
Isaac H. Manchester, harness oil,	10.00
Mercury Publishing Co., subscriptions,	6.00
N. B. Gas & Edison Light Co., light and power,	722.50
“ “ “ “ “ labor and fixtures,	20.85
N. B. Carpet Beating Co., cleaning	31.30
N. Y., N. H. & H. R. R. Co., freight,	.83
William Neal, painting,	65.20
George Nelson, stock and labor,	5.56

N. B. Co-operative Express Co., service,	.25	
J. J. Nichols, pair horses,	404.00	
L. Z. Normandin, horse medicine,	8.53	
J. H. Paige, rent,	15.00	
Pairpoint Manufacturing Co., badges,	6.00	
Frank R. Pease, horse medicine,	3.90	
Rockdale Ice Corporation, ice,	23.86	
Sewer department,	18.07	
J. H. Shea, Jr., horse dentistry,	69.00	
R. B. Skelley & Co., salve,	4.00	
F. R. Slocum, furniture,	23.00	
So. Mass. Telephone Co., service,	508.25	
George H. Spooner & Brother, ice,	12.60	
R. W. Taber, stationery,	4.30	
" " " advertising,	10.00	
Charles H. Tripp, ice,	10.50	
Chester L. Tripp, painting,	20.00	
William C. Tripp, horse,	185.00	
F. C. Von der Heide Co., horse,	175.00	
Edmond L. Wilde, services,	50.00	5,451.20
		<u>\$78,246.43</u>
Transfer to balance,		71.47
		<u>\$78,317.90</u>

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 CR.

By appropriation,	\$78,000.00	
Receipts as per Treasurer's reports,	317.90	<u>\$78,317.90</u>

## FREE PUBLIC LIBRARY.

## DR.

## Salaries :—

R. C. Ingraham, librarian,	\$2,250.00	
B. W. Pennock, assistant librarian,	1,650.00	
B. A. Andress, assistant,	67.00	
Anna M. DeWolf, “	540.00	
Florence E. Farwell, “	540.00	
Susie H. Gammons, “	540.00	
B. H. Humphries, “	300.00	
E. Humphries, “	12.50	
Etta F. Lawrence, “	540.00	
Emma J. Merrick, “	119.17	
Josephine A. Merrick, “	540.00	
Frank O'Connor, “	300.00	
Richard Ames, janitor,	19.50	
Y. W. Ames, “	728.00	
P. H. Dollard, fireman,	28.00	
William G. Lamb, “	36.00	
Cornelius B. Piper, “	8.00	
Herbert Ames, page,	59.50	
Chester A. W. Best, “	14.00	
Edward E. Dahill, “	158.00	
George Lees, “	23.85	
William J. O'Hara, “	183.00	
Robert S. Weaver, “	138.00	
Albert Yaeger, “	183.00	
Clement L. Yaeger, “	510.00	\$9,487.52

## Miscellaneous :—

E. Anthony & Sons, paper and printing,	290.71
F. S. Brightman Co., pads,	1.68
Briggs & Lawrence, furniture repairs,	7.10
George L. Briggs, newspaper subscriptions,	58.75
W. H. Collins & Co., binding,	650.20
Greene & Wood, lumber and carting,	10.25
H. S. Hutchinson & Co., binding,	335.50
“ “ “ stationery and labor,	1.50
Library Bureau, index cards and case,	112.01
Mercury Publishing Co., printing,	13.37
B. W. Pennock, carriage of books to stations,	101.20
George R. Phillips, subscription,	3.00

A. P. Pope, stock and labor,	28.83	
H. H. Sampson, periodical subscriptions,	510.00	
So. Mass. Telephone Co., service,	42.00	
Stone, Downer & Co., brokerage,	26.38	2,192.48
		<u>\$11,680.00</u>

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 CR.

By appropriation,	<u>\$11,680.00</u>
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 FREE PUBLIC LIBRARY—DOG FUND.

## DR.

A. L. A. Publishing Section,	\$2.25
Allinari Brothers,	76.53
E. Anthony & Sons,	50.30
Berlin Photograph Co.,	6.44
Boston Book Co.,	35.00
Briggs & Lawrence,	13.14
George L. Briggs,	2.00
Coffin Bros.,	5.00
W. H. Collins & Co.,	95.35
Damrell & Upham,	2.55
Douglas & Foulis,	20.75
Daniel Dunn,	15.00
C. H. Dunton & Co.,	6.50
F. Frith & Co., Ltd.,	32.31
H. S. Hutchinson & Co.,	.50
International Society of New York,	7.00
Library Bureau,	37.42
W. A. Mansell & Co.,	34.44
Mercury Publishing Co.,	12.00
S. M. Miller,	10.00
Carlo Naya,	4.00
A. P. Pope,	5.48
George D. Richards,	2.00
C. R. Sherman,	4.60
Stone & Downer Co.	20.92
R. W. Taber,	4.30
R. Tamme,	1.60



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## AUDITOR'S REPORT.

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O. Thibeault,	6.00	
J. G. Tirrell,	59.87	
C. D. Waldron,	1.00	
H. P. Willis,	11.50	
Wilson & Co.,	31.75	\$617.50
Dec. 4, 1899. To balance,		952.99
		<u>\$1,570.49</u>

## CR.

Dec. 5, 1898. By balance,	\$315.03	
Receipts as per Treasurer's reports,	1,255.46	\$1,570.49

## CR.

Dec. 4, 1899. By balance,		<u>\$952.99</u>
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FREE PUBLIC LIBRARY TRUSTEES—JAMES  
B. CONGDON FUND.

## DR.

George E. Littlefield,	\$20.03	
December 4, 1899. To balance,	67.66	<u>\$87.69</u>

## CR.

Dec. 5, 1898. By balance,	\$57.69	
Receipts as per Treasurer's report,	30.00	<u>\$87.69</u>

## CR.

December 4, 1899. By balance,		<u>\$67.66</u>
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# FREE PUBLIC LIBRARY TRUSTEES—GEORGE O. CROCKER FUND.

## DR.

N. J. Bartlett & Co.,	\$61.61	
T. H. Castor & Co.,	4.50	
H. S. Hutchinson & Co.,	89.61	
George E. Littlefield,	216.65	
Moore & Co.,	57.04	
Gustav E. Stechert,	21.76	
R. W. Taber,	110.26	\$561.43
December 4, 1899. To balance,		240.72
		<u>\$802.15</u>

## CR.

December 5, 1898. By balance,	\$402.15	
Receipts as per Treasurer's reports,	400.00	\$802.15

## CR.

December 4, 1899. By balance,		<u>\$240.72</u>
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# FREE PUBLIC LIBRARY TRUSTEES—OLIVER CROCKER FUND.

## DR.

T. H. Castor,	\$21.16	
December 4, 1899. To balance,	39.06	\$60.22

## CR.

December 5, 1898. By balance,	\$ .22	
Receipts as per Treasurer's reports,	60.00	\$60.22

## CR.

December 4, 1899. By balance,		<u>\$39.06</u>
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# FREE PUBLIC LIBRARY TRUSTEES—GEORGE HOWLAND, JR., FUND.

## DR.

Houghton, Mifflin & Co.,	\$23.00	
December 4, 1899. To balance,	167.68	\$192.68

## CR.

December 5, 1898. By balance,	\$96.68	
Receipts as per Treasurer's reports,	96.00	\$192.68

## CR.

December 4, 1899. By balance,	\$167.68
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# FREE PUBLIC LIBRARY TRUSTEES—SYLVIA ANN HOWLAND FUND.

## DR.

Academy of Natural Sciences,	\$10.00
American Antiquarian Society,	6.50
Antiquarian Book Store,	1.00
Bancroft-Whitney Co.,	24.00
N. J. Bartlett & Co.,	206.99
Blanchard & Co.,	3.00
C. T. Bonney, Jr.,	1.50
Boston Book Co.,	20.00
R. R. Bowker,	2.00
Robert E. Briggs,	3.00
T. H. Castor & Co.,	56.65
Henry T. Coates & Co.,	51.40
Current History Co.,	1.50
Damrell & Upham,	1.10
Dante Society,	5.00
Daniel Dunn,	4.00
Egypt Exploration Fund,	10.00
Essex Institute,	14.00
Reginald S. Taber,	15.00

W. A. Greenough & Co.,	8.50	
Helman Taylor Co.,	5.00	
C. M. V. Heye,	2.75	
Houghton, Mifflin & Co.,	4.00	
H. S. Hutchinson & Co.,	678.54	
H. S. Inman & Co.,	2.50	
Johns Hopkins Press,	4.19	
Hall N. Jackson,	1.93	
Knickerbocker Book Co.,	1.07	
Charles E. Lauriat & Co.,	30.57	
Little, Brown & Co.,	69.37	
Massachusetts Historical Society,	7.00	
Mrs. G. W. Mayo,	3.00	
S. M. Miller,	10.55	
Miner & Stanton,	2.00	
E. J. Moore & Co.,	308.66	
Joel Munsell's Sons,	1.00	
H. V. & H. W. Poor,	7.50	
Publishers' Weekly,	9.00	
Julius F. Sachse,	5.00	
Sampson, Murdock & Co.,	5.50	
Gustav E. Stechert,	61.56	
Robert W. Taber,	735.09	
Bradlee Whidden,	15.00	
James T. White & Co.,	7.00	
H. P. Willis,	2.75	\$2,425.67
December 4, 1899. To balance,		732.93
		<u>\$3,158.60</u>

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 CR.

December 5, 1898. By balance,	\$158.60	
Receipts as per Treasurer's reports,	3,000.00	\$3,158.60

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 CR.

December 4, 1899. By balance,		\$732.93
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FREE PUBLIC LIBRARY—TRUSTEES CHARLES  
W. MORGAN FUND.

## DR.

Boston History Co.,	\$30.00	
George E. Littlefield,	41.60	\$71.60
December 4, 1899. To balance,		46.24
		<hr/>
		\$117.84

## CR.

December 5, 1898. By balance,	\$57.84	
• Receipts as per Treasurer's reports,	60.00	\$117.84
		<hr/>

## CR.

December 4, 1899. By balance,	\$46.24
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FREE PUBLIC LIBRARY TRUSTEES—CHARLES  
L. WOOD FUND.

## DR.

George E. Littlefield,	\$41.97	
December 4, 1899. To balance,	48.18	\$90.15
		<hr/>

## CR.

December 5, 1898. By balance,	\$10.15	
Receipts as per Treasurer's reports,	80.00	\$90.15
		<hr/>

## CR.

December 4, 1899. By balance,	\$48.18
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# FREE PUBLIC LIBRARY TRUSTEES.—READING ROOM FUND.

## DR.

F. T. Akin & Co.,	\$33.37	
E. Anthony & Sons,	42.00	
M. E. Bell,	15.30	
Bliss & Nye,	.57	
George L. Briggs,	56.00	
Briggs & Lawrence,	1.00	
W. H. Collins & Co.,	14.00	
C. L. Dunham,	.50	
Mercury Publishing Co.,	12.00	
S. M. Miller,	13.50	
T. J. Moriarty,	2.29	
N. B. Gas & Edison Light Co.,	181.77	
George D. Richards,	.60	
H. H. Sampson,	18.00	
R. W. Taber,	15.00	
Charles F. Wing,	25.70	\$431.60
December 4, 1899. To balance,		941.55
		<u>\$1,373.15</u>

## CR.

December 5, 1898. By balance,	<u>\$1,373.15</u>
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## CR.

December 4, 1899. By balance,	<u>\$941.55</u>
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## HIGHWAYS AND STREETS.

## DR.

Pay rolls,		\$101,817.36
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## Teaming :—

Seth Alden,	\$86.16	
Henry T. Allen,	862.60	
Babbitt, Wood & Co.,	17.99	
H. P. Babson,	12.00	
J. V. Bancroft,	13.00	
William Baylies,	2,017.76	
Brownell, Ashley & Co.,	396.53	
James Davis,	.84	
Church & Hammond,	8.35	
Pardon Cornell,	770.35	
William Cronin & Co.,	211.97	
Dr. A. C. Daniels,	8.00	
Susan E. Davenport,	56.28	
Denison, Plummer Co.,	1,573.55	
Dr. H. H. Dews,	28.00	
David Duff & Son,	543.50	
Fichtenmayer & Flynn,	155.38	
C. H. Forbes,	8.60	
Fuller & Taylor,	2.20	
J. N. Gage,	208.00	
Grow & Hart,	87.20	
H. B. Hamilton,	25.00	
T. M. Hart & Co.,	37.10	
A. E. Hathaway,	483.73	
L. J. Hathaway,	165.92	
George G. Huddy,	160.04	
Perry P. Jenney & Son,	172.92	
C. L. Kenyon & Co.,	600.00	
Kirby & Hicks,	4.50	
J. Frank Kirk,	811.15	
E. L. Macomber,	2.88	
Isaac H. Manchester,	21.00	
Timothy McCrohan,	28.00	
A. W. Perkins & Co.,	72.25	
Morgan Rotch,	14.72	
J. H. Shea, Jr.,	90.00	
Smith & Goold,	6.30	
Napoleon Tessier,	2.15	
Wamsutta Stables,	200.00	
David Warren,	28.00	9,993.92

## Hardware and tools :—

George E. Allen,	12.50	
J. V. Bancroft,	15.00	
Willard B. Bennett,	4.30	
C. H. Brownell & Sons,	4.58	
Charles W. Coggeshall,	3.60	
DeWolf & Vincent,	284.22	
C. L. Duuham,	6.55	
Driscoll, Church & Hall,	19.88	
Fairhaven Iron Foundry Co.,	33.87	
Hancock Inspirator Co.,	10.50	
Jonathan Handy Co.	477.31	
Harrisburg Foundry & Machine Works,	30.00	
T. M. Hart & Co.,	1.23	
N. P. Hayes,	139.66	
Heywood Bros. & Wakefield Co.,	42.50	
Hillman, Washburn & Co.,	30.74	
Jenbey & Buffington,	.50	
Perry P. Jenney & Son,	149.99	
O. S. Kelley Co.,	375.00	
S. C. Lowe,	81.45	
N. B. Boiler & Machine Co.,	14.84	
N. B. Cordage Co.,	30.39	
Packard Hardware Co.,	11.00	
George D. Richards,	22.26	
Star Brass Mfg. Co.,	2.25	
Taylor Iron & Steel Co.,	494.10	
Lettice R. Washburn,	70.00	
William H. Wilson,	1.75	
S. A. Woods Machine Co.,	10.00	2,379.97

## Supplies :—

F. T. Akin & Co.,	84.47
Bates, Kirby & Co.,	24.00
Charles A. Braley,	5.86
C. H. Brownell & Sons,	.45
C. S. & B. Cummings,	.40
George Delano's Sons,	3.25
Denison Brothers Co.	232.53
Driscoll, Church & Hall,	29.91
David Duff & Son,	1,516.02
Farrell Foundry & Machine Co.,	15.25
F. E. Fitts Mfg. & Supply Co.,	31.77
Garlock Packing Co.,	4.50
Robert Gregory,	1.50

Hanna Oil Co.,	2.25	
C. E. Hathaway,	4.50	
A. W. Holmes,	187.73	
Kimball, Harrington & Osborne,	587.60	
George Kirby, Jr. & Co.,	104.33	
John A. Neal,	240.01	
N. B. Ice Co.,	26.17	
A. W. Perkins & Co.	17.34	
E. H. Pierce,	75.77	
John A. Russell,	4.50	
Schuler Brothers,	.75	
Herbert E. Smalley,	1.65	
George H. Spooner,	6.24	
Standard Oil Co.,	73.65	
Viscol Co.,	15.00	
William R. West,	.50	3,297.90

## Curbing and paving :—

Henry C. Allen,	33.44
C. M. Andrews,	9.52
Peter Banks,	1.41
George B. Borden,	43.95
C. H. Chase,	.95
Edward H. Casey,	6.27
John Connors,	32.84
F. A. Cory,	1.78
Eugene G. Crapo,	2.09
Duffie Cusson,	15.14
Moses Denault,	1,743.91
David Duff & Son,	10.55
David Duval,	5.74
D. Goodreau,	2.80
Pierre Gregoire,	4.62
David Grew, Jr.,	4.81
Hastings Pavement Co.,	6,662.00
Patrick Harding,	3.20
J. W. Hathaway,	51.05
Warren A. Hathaway,	140.00
Theodore Jansen,	7.94
Herbert F. Jones,	7.49
Charles Owen,	6.35
Frank Pedro,	7.80
Ellery Peirce,	19.24
Robertson & Havey,	30.90
Abiatha Rogers,	784.45

Prosper Rondeau,	14.82	
F. A. Stowell,	45.25	
John B. Sullivan,	5,375.12	
J. F. Sylvia,	144.74	
Manuel D. Sylvia,	22.13	
Antone Thomas,	6.09	
William O. T. Upham,	2.51	
Maurice F. Wainer,	11.87	
David Warren,	11.75	
H. R. Westgate,	2.23	
George F. Wilbur,	1.86	15,278.61

## Crusher stone :—

E. G. Akin,	11.92
Clark Allen,	25.37
Henry C. Allen,	294.71
Charles M. Andrews,	133.79
H. T. Ashley,	30.82
Thomas J. Ashley,	66.08
John Ashton,	168.09
Edward Auger,	18.11
Peter Banks,	1.66
Hector Basnet,	1.82
Vitalise Benoit,	8.50
John Bertram,	20.69
Joseph A. Bettencourt,	16.29
Narcizo J. Bettencourt,	22.54
Bolduc & Langlois,	18.83
Charles Booth,	6.03
James Bonneau,	5.94
Jeremiah Bonneau,	73.53
Joseph Bonneau,	2.53
Carrie D. Borden,	23.26
George B. Borden,	346.97
Arthur Bouchard,	111.89
Gilbert Bouchard,	197.82
L. F. Bouchard,	805.20
William Bourbo,	102.27
J. A. Bouvier,	40.96
W. E. Bosworth,	11.87
Annie Bragga,	51.17
John R. M. Brigar, Jr.,	51.17
William H. Brightman,	128.09
William P. Brightman,	12.93
William F. Brown,	.59

William S. Brown,	1.04
David Brownell,	131.16
C. T. Brownell,	11.41
Louis A. Brownell,	293.44
James Burke,	73.59
Frank Cabral,	4.25
Charles M. Carroll,	21.46
Edward H. Casey,	142.41
Peter Charon,	20.19
Z. Chaffee,	25.04
N. P. Chase,	10.18
A. D. Chauvin,	344.98
George A. Cobb,	120.87
George Coggeshall,	148.02
E. R. Cook,	171.34
John Connell,	71.17
John Connors,	364.38
Patrick Connors,	22.92
Pardon Cornell,	390.87
Andrew D. Corey,	7.80
A. T. Corey,	1.49
F. A. Cory,	18.68
Michael Coughlin,	38.67
A. L. Couet,	4.14
Eugene G. Crapo,	294.81
Peter Crapo,	566.21
Duffie Cusson,	425.77
W. A. Davis,	18.03
Z. B. Davis,	1.07
G. M. Dayton, Jr.,	12.66
Arthur J. Delano,	3.80
Jacinth DeCosta,	200.78
Manuel De Figueredo,	37.35
Antone De Mello,	393.91
D. H. DeMoranville,	7.45
Alfred Denault,	98.70
Arthur Denault,	40.64
Eugene Denault,	41.71
Moses Denault,	1,233.94
Moses Denault, Jr.,	40.23
Victor Denault,	45.86
Dennis & Howland,	37.68
Dennis & Offley,	10.72
S. Desaultels,	136.33

Charles H. Drown,	261.12
James Duddy,	17.97
David Duff & Son,	34.27
David Duval,	273.34
John Dunn,	13.43
John E. Dyer,	169.82
William S. Eaton,	125.63
Antone Enos & Co.,	19.42
Henri Fanteux,	12.56
David Ferguson,	82.96
Frank J. Fernandes,	330.09
M. A. Fernandes,	53.39
Serfrani Forant,	344.92
John Francis,	4.15
Hattie Gadreau,	14.01
E. H. Gammons,	155.68
Tancred Gasse,	22.78
C. T. W. Gifford,	110.02
Collins S. M. Gifford,	81.47
Charles E. Gifford,	24.42
Charles Gifford,	15.40
Lewis R. Gifford,	16.96
William Gillies,	11.66
D. Goodreau,	137.32
Manuel Gonsalves,	1.31
George Govin, Jr.,	104.08
David Grew, Jr.,	26.03
John W. Grew,	6.49
William T. Green,	2.17
J. H. Gurl,	71.13
Pierre Gregoire,	170.71
Patrick Harding,	115.26
Andrew E. Hathaway,	72.78
C. E. Hathaway,	391.20
J. W. Hathaway,	64.76
S. T. Hawes,	93.63
Benjamin Howard,	41.28
John J. Howland,	13.97
Mary A. Hyde,	40.11
Theodore Jansen,	24.75
D. J. Jarry,	16.49
Andrew F. Jencks,	76.06
Jenney & Buffington,	47.60
Herbert F. Jones,	363.22



Arthur Joubert,	272.30
William Kenney,	9.12
C. L. Kenyon,	24.83
Robert B. King,	123.14
Kirby & Hicks,	51.46
Joseph La France,	23.65
Simeon La France,	6.68
S. E. Leavitt,	1.20
Antone J. Lopez,	36.40
Ulysses Lustre,	31.75
William H. Lynch,	135.86
Mortimer McCarthy,	47.85
James F. McNamara,	32.45
William P. Macomber,	41.86
Isaac H. Manchester,	5.71
John W. Manchester,	143.76
H. F. Marshall,	29.00
Manuel Marshall,	89.31
Arthur Martel,	64.50
Manuel F. Martin,	5.01
Phillais Masse,	43.03
Ernest Meny,	34.07
James Mitchell,	46.91
Frank Monty,	54.57
Joseph Moran,	41.26
H. A. Mosher,	20.96
George A. Munson,	50.36
N. B. Water Works,	12.13
N. E. Automatic Telephone Co.,	65.52
Benjamin Negus,	18.78
Charles H. Negus,	96.84
Joseph Normandin,	98.59
Jesse Oliver,	4.94
Charles Owen,	254.55
John Paulo,	34.21
Frank Pedro,	118.03
Joseph Pedro,	3.75
Ellery Peirce,	77.56
J. H. Peirce,	1.74
William Peirce,	1.61
A. W. Perkins & Co.,	13.64
Annie Perry,	41.44
Frank Perry,	483.08
Manuel Perry,	87.90

James H. Peters,	40.57
Thomas D. Phillips,	110.68
F. H. Poitras,	108.42
Isaac B. Poole,	23.26
William H. Poole,	9.63
Joseph P. Ponte,	3.15
Joseph Rainville,	13.26
Charles Reed,	40.67
J. C. Reed,	26.51
Edward Reynolds,	29.45
Oliver Rivet,	18.85
Hubert Rocheleau,	5.97
Abiatha Rogers,	265.75
Elizabeth J. Rogers,	10.07
Joseph H. Rogers,	109.77
Adolphe Rondeau,	38.89
Ernest Rondeau,	33.26
Prosper Rondeau,	738.92
Frank P. Rose,	2.50
Octave Rosseau,	26.98
Louis Roy,	6.36
Pardon Russell,	125.03
Philip Sauville,	205.44
A. K. P. Sawin,	1.10
John Sharples,	33.54
Timothy Sheehan,	20.87
D. A. Sherman,	4.18
Joseph S. Silva,	117.05
Antone J. Silvia,	116.83
George F. Smith,	159.48
John A. Smith,	40.74
H. E. Snell,	5.56
So. Mass. Telephone Co.,	44.96
Manuel P. Souza,	83.78
George Spencer,	321.09
E. F. Spooner,	51.38
Joseph W. Spooner,	41.02
A. P. Stone,	9.70
B. I. Stowell,	26.66
Charles E. Stowell,	26.45
F. A. Stowell,	191.56
John B. Sullivan,	1,069.57
E. R. Swain,	20.42
Patrick Sweeney,	92.22

Domingo Sylvia,	29.46	
Joseph Sylvia,	28.06	
Joseph B. Sylvia,	29.41	
J. F. Sylvia,	452.17	
Manuel D. Sylvia,	70.54	
M. G. Sylvia,	12.20	
Fred Taber,	1.58	
Antone Thomas,	183.86	
Alexander Tripp,	118.06	
S. J. Tucker,	37.53	
Union Street Railway Co.,	52.39	
William O. T. Upham,	63.42	
E. Vigeant,	7.21	
John Vinsen,	1.12	
David F. Wainer,	36.73	
Maurice T. Wainer,	40.24	
David Warren,	328.18	
Deborah A. Wilbur,	126.87	
George F. Wilbur,	102.56	
Samuel S. Wilbur,	16.69	
Joseph Williams,	55.28	
Louis Wine,	4.84	
Henry Wood,	34.52	
William Woodhouse,	42.09	
Lewis Wright,	4.81	22,207.09

## Labor and material :—

A. W. Allen,	5.30
Edward W. Ashley,	49.75
Babbitt, Wood & Co.,	167.19
Robert G. Bennett,	33.70
Blossom Brothers,	111.23
Edwin R. Bowie,	46.96
Charles O. Brightman,	2.82
Charles F. Chase,	25.00
J. W. Clifton,	.25
D. H. Cook,	157.34
Thomas W. Croacher,	208.71
James Duddy,	12.30
C. L. Dunham,	7.68
E. M. Durfee,	12.36
David Ferguson,	101.15
General Sewers,	38.43
J. Herbert Hammond,	40.01
Hastings Pavement Co.,	210.33

George E. Hatch,	78.50	
E. Jackson,	2.40	
Jenney & Buffington,	10.48	
C. L. Kenyon,	8.75	
Simeon King,	28.00	
N. B. Boiler & Machine Co.,	177.23	
N. B. Gas & Edison Light Co.,	867.87	
N. B. Water Works,	11.30	
S. S. Paine & Brother,	1,691.22	
Charles S. Paisler,	11.25	
A. W. Perkins & Co.,	530.65	
Philip S. Poole,	4.74	
C. G & G. A. Randall,	143.77	
C. R. Sherman & Son,	23.75	
J. C. Storey & Co.,	170.09	
John B. Sullivan,	156.50	
Julius C. Sylvia,	.75	
Frank S. Tripp,	745.25	
James H. Warren,	20.00	
Lettice R. Washburn,	2.95	
William R. West,	.20	
Wood, Brightman & Co.,	40.87	5,957.03

## Miscellaneous:—

Andrew Allen, boots,	2.75
Edwin Allen, express,	1.60
Almy & Hitch, flag repairs,	.50
E. Anthony & Sons, printing and advertising,	75.48
Isaac L. Ashley, carriage hire,	25.00
Ballard & Kirschbaum, index,	2.00
J. V. Bancroft, sprinkling,	81.00
George Barnes, M. D., services,	15.00
Blackbird Pen Co., pens,	2.00
Bliss & Nye, tubing,	.60
Blossom Brothers, post,	1.25
F. S. Brightman Co., stationery,	20.68
Albion T. Brownell, dinners,	3.00
J. M. Burgess, land rent,	24.00
Carters Ink Co., ribbon,	4.50
City Government Pub. Co., subscriptions,	2.25
W. H. Collins & Co., books and binding,	34.50
W. S. Cook, stamps,	50.00
W. S. Cook, convention expenses,	225.00
A. T. Davis, freight,	901.00
Frank W. Dean, fitting chair,	1.28
Department of Wharves, storage and wharfage,	567.50
E. C. Gardiner, carriage hire,	2.50

Harriet H. Gilman, rent and lighting,	1,072.52	
W. A. Greenough & Co., directory,	5.00	
Hatch & Co., express,	5.00	
Howard Clock Co., dials,	6.00	
Howland Mills Corporation, land rent,	75.00	
S. C. Hunt, appraisers fees,	95.00	
Kern & Wright, sign,	1.00	
Kirby & Hicks, carriage hire,	26.75	
“ “ horse board,	172.85	
C. F. Lawton, disbursements,	85.06	
Library Bureau, index cards,	60.00	
Mercury Pub. Co., printing and advertising,	23.72	
“ “ “ subscription,	6.00	
N. B. Bulletin Pub. Co., advertising,	3.05	
N. B. Gas & Edison Light Co., light and power,	427.05	
“ “ “ “ “ labor and fittings,	22.66	
N. Y., N. H. & H., R. R. Co., freight,	106.31	
W. J. Nicholson, services,	10.00	
John N. O'Brien, sealing,	1.21	
C. F. Perry, broken glass,	4.50	
A. D. Piper, washing towels,	7.34	
Priest, Page & Co., scales,	216 00	
E. G. Reynolds, damages,	10.55	
Sanders & Barrows Clothing Co., uniforms,	7.50	
A. K. P. Sawin, rebate on flagging,	4.05	
E. T. Sherman, services,	8.75	
Hoyland Smith, bicycle repairs,	10.00	
So. Mass. Telephone Co., service and tolls,	228.65	
Job Sweet, services,	40.00	
Robert W. Taber, typewriter,	60.00	
“ “ “ books and stationery,	101.34	
H. Vigeant, land rent,	10.00	
Wilson & Wordell, post,	1.75	
Wood, Brightman & Co., mantles and chimneys,	4.45	4,962.45
		<u>\$165,894.33</u>

## CR.

By appropriation,	\$75,600.00	
Receipts as per Treasurer's reports,	23,038.69	
By special appropriation,	44,400.00	
Transfer from unappropriated funds,	15,000.00	
Transfer to balance,	7,855.64	<u>\$165,894.33</u>

LAND DAMAGES, WIDENING ACUSHNET  
AVENUE FROM TARKILN HILL  
ROAD, SOUTH, No. 1.

DR.

Charles F. Chase, land taken,		\$150.00
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CR.

By special appropriation,		\$150.00
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LAND DAMAGES—WIDENING ACUSHNET AVE-  
NUE FROM LUND'S CORNER TO BALL'S  
CORNER, No. 2.

DR.

Pay rolls,		\$2,201.53
Willard B. Bennett, damages,	\$276.64	
City of New Bedford,     "	68.16	
N. J. Clarkson, stock and labor,	198.73	
First Congregational Society, damages,	39.24	
General sewers, material and teaming,	16.27	
F. B. Hathaway, moving and labor,	630.00	
Heirs Simeon Hawes, damages,	222.00	
Thomas Hersom,     "	140.80	
Highways and streets, stock, labor and teaming,	411.20	
C. L. Kenyon, dirt and gravel,	150.95	
John L. G. Mason, stock and labor,	108.30	
N. B. Water Works, stock and labor,	8.54	
S. S. Paine & Bro., material and carting,	37.65	
Philip S. Poole, gravel,	10.86	
A. K. P. Sawin, moving,	185.00	
J. F. Shaw & Co., filling,	250.65	
David W. Sherman, repairs,	2.00	
Humphrey H. Swift, damages,	286.68	
George Turner, gravel,	9.72	
F. P. Washburn, stock and labor,	197.28	3,250.67
		\$5,452.20
Transfer to balance,		22.80
		\$5,475.00



## CR.

By special appropriations,	\$4,600.00	
By transfer from sewer, Holly street,	700.00	
By transfer from unappropriated funds,	175.00	\$5,475.00

LAND DAMAGES—WIDENING KEMPTON  
STREET FROM ROCKDALE AVENUE  
TO CHEPATCHET LANE, No. 1.

## DR.

William Moore, damages,	\$50.00	
Alexander Moore, “	125.00	
Andrew R. Springer, “	700.00	
James H. Davis, “	300.00	\$1,175.00

## CR.

By special appropriation,	\$1,175.00
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LAND DAMAGES — WIDENING KEMPTON  
STREET FROM THE DARTMOUTH LINE  
EASTERLY 2000 FEET, No. 2.

## DR.

Pay rolls,		\$1,429.71
John F. Borden, labor, material and moving,	\$197.72	
Highways and streets, stock, labor and teaming,	111.39	
C. G. & G. A. Randall, lumber,	14.50	
F. A. Stowell, dirt,	62.30	
Stephen S. Weeks, damages,	156.00	541.91
		\$1,971.62
December 4, 1899. To balance,		5,028.38
		\$7,000.00

CR.

By special appropriation,

\$7,000.00

CR.

December 4, 1899. By balance,

\$5,028.38

LAND DAMAGES — WIDENING PURCHASE  
STREET FROM MILL STREET TO KEMP-  
TON STREET, No. 3.

DR.

Pay rolls,

\$44.94

Account "Purchase street, No. 4," labor,

\$23.80

General sewers, labor on drain,

14.33

Highways and streets, curbing and paving,

764.41

" " " blacksmithing,

.38

802.92

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\$847.86

Transfer to balance,

643.21

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\$1,491.07CR.

December 5, 1898. By balance,

\$1,491.07

LAND DAMAGES — WIDENING PURCHASE  
STREET FROM NORTH STREET TO  
MILL STREET, No. 4.

## DR.

Pay rolls,	\$99.92
Highways and streets, stock, labor and teaming,	1,104.64
	<hr/>
	\$1,204.56
Transfer to balance,	128.31
	<hr/>
	\$1,332.87
	<hr/>

## CR.

December 5, 1898. By balance,	\$1,282.17	
Receipts as per Treasurer's report,	50.70	\$1,332.87
		<hr/>

LAND DAMAGES—WIDENING PURCHASE  
STREET FROM MAXFIELD STREET  
TO NORTH STREET, No. 5.

DR.

Pay rolls,		\$101.00
Account "Purchase street No. 4," labor,	\$26.90	
Highways and streets, stock, labor and teaming,	2,771.08	
Samuel C. Hunt, appraisals,	50.00	
William R. West, glass,	.65	2,848.63
		<hr/> \$2,949.63
December 4, 1899. To balance,		253.70
		<hr/> \$3,203.33
		<hr/>

CR.

December 5, 1898. By balance,	\$2,703.33	
By transfer from sewer, Holly street,	500.00	\$3,203.33
		<hr/>

CR.

December 4, 1899. By balance,	\$253.70
	<hr/>

LAND DAMAGES—LAYOUT OF SOUTH STREET  
FROM COUNTY STREET TO CRAPO STREET.

## DR.

Heirs of Horatio Hathaway, moving building,	\$500.00	
George N. Gardiner, damages,	600.00	<u>\$1,100.00</u>

## CR.

By special appropriation,	<u>\$1,100.00</u>
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LAND DAMAGES—LAYOUT OF TRINITY  
STREET.

## DR.

R. Beetle, land,	<u>\$168.40</u>
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## CR.

By special appropriation,	<u>\$168.40</u>
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## INCIDENTALS.

## Dr.

## Birth and death returns :—

Isabella Arnold,	\$ .25
D. S. Belanger,	1.25
Robert G. Bennett,	12.25
William E. Brownell,	5.00
J. S. Chagnon,	5.25
L. A. Chubbuck,	.75
C. F. Connor,	1.25
Mary Cooper,	5.50
Edward W. Dehn,	8.25
Mary Delfina,	6.25
A. Desautels,	16.75
G. L. Duhaime,	3.00
H. L. Dwight,	3.25
Louisa A. Ellis,	1.50
Mary Flitcroft,	4.75
J. E. Fortin,	9.25
Mary Frates,	6.75
Emily Guba,	2.00
Sarah Hope,	3.50
Ann Howarth,	1.50
Barker C. Howland,	1.50
John B. Jean,	33.75
Maria A. Johnson,	.25
Jane Ann Kidd,	1.25
A. P. Lagasse,	4.00
Lagasse & Dubois,	15.00
Daniel B. Leonard,	398.75
Milton H. Leonard,	38.25
C. F. Lussier,	30.25
Margaret Mann,	2.25
T. J. Murphy,	15.25
Alphonse Normandin,	3.25
Louis Z. Normandin,	79.50
A. Martin Peirce,	14.25
C. A. B. Peterson,	5.50
J. C. Pothier,	5.75
William G. Potter,	3.00
Charles A. Pratt,	5.75
A. E. Richard,	13.50
T. H. Robinson,	1.00



John Rogers,	16.75	
J. C. Shaw,	4.00	
Edward T. Sherman,	32.50	
Miriam Stafford,	1.00	
J. P. St. Germain,	5.50	
J. D. Sullivan,	39.75	
J. V. Thuot,	30.25	
Hattie Tripp,	.75	
Weston C. Vaughan, Jr.,	51.00	
Amos P. Webber,	14.75	
J. Frank Weeks,	2.50	
Joseph S. Williams,	42.00	
E. T. Wilson & Son,	70.50	\$1,081.50

## Carriage hire :—

I. L. Ashley,	73.25	
Kirby & Hicks,	361.34	
S. F. Perry & Son,	28.00	462.59

## Clerical services :—

Board of Assessors,	75.00	
Humphrey A. Gifford, Jr.,	199.50	
Charles R. Hathaway,	114.75	
Elizabeth B. Hathaway,	56.00	
R. A. Leonard,	25.50	
Florence A. Murphy,	780.00	
George W. Parker,	1,016.00	
Edmund A. Reed,	513.75	
Florence T. Ricketson,	540.00	
A. C. Sherman,	133.10	
Ruth S. Sherman,	1,111.00	
Arthur C. Spooner,	971.25	
Edwin L. Tillinghast,	981.50	
R. R. Topham,	18.00	
W. B. Topham,	171.75	6,707.10

## Damages and legal expenses :—

Benjamin B. Barney,	194.94	
Crapo, Clifford & Clifford,	100.00	
Thomas F. Desmond,	2,250.00	
Lemuel LeBaron Holmes,	200.00	
Fred D. Stanley,	400.00	
E. C. Tripp,	7.75	3,152.69

## Delivery of bills and summons :—

William J. Abrams,	75.50	
Alexander J. Aiken,	5.00	
G. H. Allen,	66.75	
William R. Benoit,	24.00	
William Brown,	18.00	
Charles H. Davenport,	29.50	
J. H. Finnell,	75.50	
B. P. Fury,	21.00	
George H. Freeman,	60.75	
John L. Gibbs,	10.00	
Stephen Hafford, Jr.,	178.50	
B. F. Hathaway,	7.50	
Walter R. Myrick,	110.50	
Crawford S. Peirce,	5.00	
Albert H. Rooks,	53.00	
H. C. Russell,	37.50	
Manuel J. Senna,	18.00	
Edward T. Sherman,	13.50	
Louis W. Stedman,	106.00	
N. J. Stone,	7.50	
E. C. Taber,	15.00	
C. A. Tuell,	38.75	
Charles D. Tuell,	5.00	981.75

## Fuel and lighting :—

M. B. Ashley,	91.60	
City Coal Co.,	419.87	
David Duff & Son,	342.82	
John A. Neal,	5.75	
N. B. Gas & Edison Light Co.,	2,966.76	
John N. O'Brien,	5.00	3,831.80

## Interest on loans, taxes and awards :—

Acushnet Mills Corporation,	63.46	
Collector of taxes,	21.94	
Commissioners of sinking funds,	810.92	
Hathaway Mills Corporation,	58.39	
N. B. Five Cents Savings Bank,	2,262.50	
N. B. Institution for Savings,	2,262.50	
New England Cotton Yarn Co.,	200.78	
Rogers, Newman & Tolman,	5,940.67	
Wamsutta Mills,	122.04	11,743.20

## Janitors and watchmen :—

Walter Champlin,	5.00	
P. H. Dollard,	270.00	
William G. Lamb,	510.00	
Cornelius B. Piper,	283.50	
David M. Piper,	676.00	
James H. Sullivan,	728.00	2,472.50

## Newspaper and periodical subscriptions :—

E. Anthony & Sons,	42.00	
N. W. Ayer & Co.,	5.00	
F. S. Blanchard & Co.,	9.00	
Boston Daily Advertiser,	12.00	
George L. Briggs,	18.60	
Robert E. Briggs,	3.00	
E. C. Brown,	5.00	
City Government Publishing Co.,	7.00	
Mercury Publishing Co.,	24.00	
Sampson, Murdock & Co.,	12.50	138.10

## Advertising :—

E. Anthony & Sons,	330.44	
Catholic Union Publishing Co.,	365.15	
Daily L'Independent,	131.14	
Mercury Publishing Co.,	296.68	
N. B. Bulletin Publishing Co.,	390.96	1,514.37

## Travelling and committee expenses :—

Albion T. Brownell,	41.15	
George G. Hall,	206.35	
Charles H. Lawton,	11.70	
N. Y. N. H. & H. R. R. Co.,	120.00	
William A. Nye,	29.20	
Wamsutta Club,	86.83	
J. R. Whipple & Co.,	63.30	
William F. Williams,	137.60	696.13

## Office and travelling expenses :—

Charles S. Ashley, Mayor,	32.50	
D. C. Ashley, Inspector, etc.,	409.25	
J. H. Hathaway, Treasurer,	354.89	
D. B. Leonard, Clerk,	102.87	899.51

## Office and janitor's supplies :—

S. M. Armstrong,	1.00	
Ballard & Kirschbaum,	2.00	
Bliss & Nye,	.25	
Boston Duster Co.,	8.10	

T. S. Buck,	2.76	
Chadwick & Co.,	4.80	
Church & Hammond,	1.24	
C. S. & B. Cummings,	1.75	
F. M. Douglass,	4.20	
N. P. Hayes,	2.10	
India Alkali Works,	6.83	
Moore & Dick,	4.93	
Morgan, Crossman & Co.,	5.30	
N. B. Ice Co.,	106.72	
Norfolk Manf'g Co.,	4.32	
Office & Library Co.,	.75	
George D. Richards,	35.34	
H. A. Smith,	7.50	
R. W. Taber,	48.33	
H. H. Vincent & Co.,	6.00	254.22

## Personal services :—

William E. Brownell, City Physician,	476.82	
C. F. Lawton, City Forester,	100.00	
W. H. M. Macomber, teller,	58.00	
Dennis J. McAuliffe, teller,	50.00	
Henry T. Phillips, stowing coal,	15.00	
A. D. Piper, Mayor's office,	52.00	
D. M. Piper, City hall,	17.50	
D. M. Piper, messenger, City Council,	30.00	
E. T. Sherman, posting notices,	5.00	
F. H. Swett, expert on time lock,	15.00	
Henry F. West, harbor master,	10.00	829.32

## Telegraph, telephone and sounder service :—

Postal Telegraph Cable Co.	.28	
So. Mass. Telephone Co.,	688.75	
“ “ “	31.12	
Western Union Telegraph Co.,	39.58	759.73

## Stock and labor :—

Almy & Hitch,	13.25	
J. L. Ballou,	6.48	
Peter Black,	5.00	
Charles O. Brightman,	.86	
Blossom Brothers,	65.99	
William P. Briggs,	1.35	
M. E. Daley,	31.32	
N. B. Gas & Edison Light Co.,	46.20	

A. P. Pope,	32.68	
W. H. Rankin,	5.50	
C. R. Sherman,	2.85	
Wood, Brightman & Co.,	17.68	229.16

## Rents:—

Bates & Kirby,	\$180.00	
Harriet H. Gilman,	217.59	
D. Kempton, 2d, estate,	37.50	
Merchants National Bank,	284.04	
N. Y., N. H. & H. R. R. Co.,	200.00	
Hoyland Smith,	30.00	
Wilcox & Richmond Wharf Co.,	200.00	1,149.13

## Repairs City Clock:—

Brownell, Ashley & Co.,	2.51	
Kern & Wright,	30.30	
Wm. B. Wood,	24.80	57.61

## Miscellaneous:—

James T. Almy, repairs,	.75	
J. V. Bancroft, sprinkling,	370.00	
Bristol County, board of truants,	474.40	
W. A. Baker, committing truants,	13.18	
Briggs & Lawrence, furniture and repairs,	47.21	
T. W. Chase & Co., fire trunks,	11.00	
C. H. Cragen, use of boat,	52.00	
C. F. Cushing, bag repairs,	.15	
City Treasurer, Spanish war disbursements,	49.00	
James Cotton, bell ringing,	3.00	
George B. Cross, expenses,	3.00	
C. L. Dunham, tools, city sealer,	8.06	
C. A. Gray & Co., freight and carting,	3.00	
Marietta Hammond, recording deeds,	14.85	
Highways and streets, trimming trees,	693.78	
“ “ “ carting,	1.23	
James F. Hoye, treasurer's bond,	250.00	
J. F. Huddleston, barometer,	57.00	
Mary Ann Hutchinson, sewer rebate,	10.00	
E. Jackson, bell ringing,	5.00	
J. B. Jean, funeral services,	25.00	
W. L. Kelley, clock repairs,	1.50	
League of American Municipalities, membership fee,	40.00	
Arthur T. Lovell, reporting,	684.43	
Mercury Publishing Co., printing briefs,	150.50	

National Bank Commonwealth, commissions,	20.00	
N. B. Safe Deposit & Trust Co., rent of vault,	25.00	
N. B. Tow Boat Co., breaking ice,	20.00	
N. B. Boiler & Machine Co., piping,	286.84	
N. B. Steam Carpet Beating Co., cleaning,	1.72	
N. B. Water Works, material and labor,	23.22	
North Congregational Church, use of bell,	60.00	
John N. O'Brien, teaming,	263.50	
P. O'Donnell estate, rebate license fee,	1,050.00	
Packard Hardware Co., screen door,	2.05	
D. L. Parker, P. M., envelopes, treasurer,	42.40	
F. H. Peckham, carting,	4.00	
William Peirce, use of plants,	15.00	
A. D. Piper, washing towels,	46.05	
George B. Richmond, recording deeds,	10.20	
Mortimer Searles, pads,	1.30	
F. R. Slocum, furniture and rent,	49.95	
B. T. Smith, board of police,	51.75	
Henry Smith, committing truants,	13.57	
W. F. Saunders, expenses,	3.48	
Sewer taxes,	147.10	
James Slater, decorating,	220.00	
Soule Co., decorating,	15.00	
Manuel Sylvia, carting,	6.00	
Union Street Railway, tickets, building inspector,	60.00	
Edward E. Wright, flags,	45.00	5,451.17
		<u>\$42,411.58</u>

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 CR.

By appropriation,	\$30,000.00	
Receipts as per Treasurer's reports,	339.51	
Transfer from unappropriated funds,	9,050.00	
Transfer to balance,	3,022.07	<u>\$42,411.58</u>

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## INCIDENTALS—MEMORIAL DAY.

## G. A. R. :—

Almy & Hitch,	\$25.00	
E. Anthony & Sons,	58.35	
Braddock Address,	8.75	
Boston Regalia Co.,	30.00	
Thomas W. Cook,	58.48	
E. G. Davis,	15.10	
E. C. Gardiner,	44.00	
T. J. Gifford & Co.,	29.25	
Hill's N. B. Band,	120.00	
Mercury Publishing Co.,	50.43	
Musical Exchange Band,	50.00	
N. B. Ice Co.,	10.00	
Alexander O. Pierce,	38.42	
Edward M. Peirce,	20.00	
William Peirce,	3.00	
David J. Price,	3.00	
E. G. Reynolds,	5.00	
R. W. Taber,	1.30	
Union Street Railway Co.,	28.00	
Union National Band,	69.00	
Edward E. Wright,	32.92	\$700.00

## Naval Veterans :—

Acushnet Iron Co.,	1.44	
E. Anthony & Sons,	9.72	
Edward Johnson,	5.00	
T. E. Lawton,	7.34	
S. F. Perry & Son,	10.00	
Edward E. Wright,	12.50	46.00

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\$746.00

Transfer to balance,

4.00

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\$750.00

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CR.

By transfer from unappropriated funds,

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\$750.00

## INCIDENTALS—FOURTH OF JULY CELEBRATION.

## DR.

## Band concerts:—

Briggs & Lawrence,	\$5.39	
R. G. Brightman,	2.00	
C. A. Galligan,	2.00	
Hill's N. B. Band,	132.00	
Lyra Acoriana Band,	20.00	
Musical Exchange Band,	132.00	
A. P. Pope,	17.50	
Reiter's National Band,	66.00	
T. S. Swift,	5.50	\$382.39

## Bell Ringing:—

Lord Barker,	5.00	
Henri Blanchette,	2.50	
Nathan C. Briggs,	2.50	
Oscar Buffington,	2.50	
O. S. Driskell,	2.50	
W. W. Guthrie,	2.50	
James P. Harding,	7.50	
E. Jackson,	2.50	
A. R. Maxfield,	2.50	
G. L. Rau,	5.00	
E. S. Robinault,	2.50	
James H. Taber,	2.50	
J. H. Warfield,	2.50	
John Watson,	2.50	45.00

## Illumination:—

David Duff & Son,	9.21	
N. B. Gas & Edison Light Co.,	150.00	
F. R. Pease,	31.50	
West & Jones,	33.50	224.21

## Miscellaneous:—

S. F. Perry & Son, carriage hire,	3.00	
Sherman & Habicht, badges,	1.00	
R. W. Taber,	.24	4.24

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\$655.84

Transfer to balance,

44.16

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\$700.00

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1900.

## AUDITOR'S REPORT.

77

## CR.

By transfer from unappropriated funds,

\$700.00

## LICENSE COMMISSION.

## DR.

E. Anthony & Sons, advertising,	\$33.41	
" " " " printing,	41.74	
W. H. Collins & Co., binding,	3.75	
John J. Howland, chairman, office expenses,	44.71	
I. B. Maxfield, clerk,	312.00	
Mercury Publishing Co., advertising,	35.13	
" " " subscription,	3.00	
S. F. Perry & Son, carriage hire,	30.75	
Frank M. Sparrow, chairman, office expenses,	1.00	\$505.49
Transfer to balance,		494.51
		<u>\$1,000.00</u>

## CR.

By appropriation,

\$1,000.00

## LIGHTING THE STREETS.

## DR.

Acushnet Iron Co., posts,	\$240.00	
E. Anthony & Sons, report blanks,	7.54	
C. R. Cornell, carriage hire,	3.00	
Globe Gas Light Co., posts, frames and fitting,	16.70	
“ “ “ “ naphtha lights,	12,425.38	
N. B. Gas & Edison Light Co., arc lights,	22,632.39	
“ “ “ “ incandes't lights,	1,311.55	
“ “ “ “ gas lights,	11,513.36	
“ “ “ “ labor and material,	208.80	
S. F. Perry & Son, carriage hire,	5.00	\$48,363.72
Transfer to balance,		1,636.28
		<u>\$50,000.00</u>

## CR.

By appropriation,	<u>\$50,000.00</u>
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## COGGESHALL STREET BRIDGE.

## DR.

Pay rolls,		\$77.61
DeWolf & Vincent, spikes,	\$2.70	
Highways and streets, stock, labor and teaming,	190.49	
Geo. Kirby, Jr. & Co., paint supplies,	85.05	
C. G. & G. A. Randall, lumber,	38.61	
John B. Sherman, stock and labor,	4.00	320.85
		<u>\$398.46</u>
Transfer to balance,		76.54
		<u>\$475.00</u>

## CR.

By appropriation,	\$200.00	
Transfer from unappropriated funds,	275.00	<u>\$475.00</u>

## NEW BEDFORD &amp; FAIRHAVEN BRIDGE.

## Dr.

Pay rolls,		\$1,164.20
A. W. Allen, sawing and planing,	\$ .25	
Lot B. Bates, salt,	1.90	
Blossom Bros., sawing and carting,	3.90	
George S. Bowen & Co., brooms,	1.20	
James D. Driggs, blacksmithing,	14.86	
Abram Chace & Co., spikes,	6.00	
D. Duff & Son, coal,	9.45	
“ “ “ blacksmithing,	14.07	
Greene & Wood, lumber and carting,	139.84	
T. M. Hart & Co., rope,	.42	
Highways and streets, stock, labor and teaming,	184.59	
N. B. Tow Boat Co., opening draw,	10.00	
Frank S. Tripp, stock and labor,	31.60	418.08
		<hr/>
		\$1,582.28
Transfer to balance,		42.72
		<hr/>
		\$1,625.00
		<hr/>

## Cr.

By appropriation,	\$1,500.00	
Transfer from unappropriated funds,	125.00	\$1,625.00
		<hr/>

## NEW BEDFORD SCHOOL COMMITTEE.

## "HOWLAND FUND."

## DR.

American Book Co.,	\$113.46
D. Appleton & Co.,	6.77
C. W. Bardeen,	56.44
Boston School Supply Co.,	4.52
Edward E. Babb & Co.,	26.62
Beale Short Hand Co.,	10.46
George Briggs,	7.50
Baker & Taylor,	1.28
A. S. Barnes & Co.,	2.73
E. Boden, Jr.,	3.50
The Century Co.,	12.50
Williston H. Collins,	41.80
Oliver Ditson,	2.40
Educational Publishing Co.,	40.05
Ginn & Co.,	245.15
Charles E. Graff,	1.20
L. P. Goodhue,	1.12
H. S. Hutchinson & Co.,	54.35
D. C. Heath & Co.,	52.86
Haskell & Tripp,	36.28
Houghton, Mifflin & Co.,	74.88
J. L. Hammett & Co.,	65.10
Holden Patent Book Cover Co.,	194.39
Catherine F. Johnson,	10.00
Longmans, Green & Co.,	6.40
Little, Brown & Co.,	8.00
Library Bureau,	11.00
Perry Mason & Co.,	90.00
The Morse Co.,	38.03
Mass. Society for Prevention of Cruelty to Animals,	.50
Munn & Co.	2.50
N. E. Publishing Co.,	6.24
George S. Perry & Co.,	150.96
Prang Educational Co.,	6.32
George Peirce,	427.25
Silver, Burdett & Co.,	42.76
Scott, Forsman & Co.,	1.00
Thomas R. Shewell & Co.,	3.15
Charles Scribner's Sons,	3.04



1900.

## AUDITOR'S REPORT.

81

Robert W. Taber,	25.10	
A. T. Thompson & Co.,	194.00	
University Publishing Co.	20.52	
J. C. Witter & Co.,	8.00	
Bradlee Whidden,	42.00	
Werner School Book Co.,	4.80	\$2,156.93
December 4, 1899. To balance,		892.70
		<u>\$3,049.63</u>

CR.

Dec. 5, 1898. By balance,	\$49.63	
Receipts as per Treasurer's report,	3,000.00	\$3,049.63

CR.

December 4, 1899. By balance,		<u>\$892.70</u>
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## NEW BEDFORD SCHOOL COMMITTEE.

## "JONATHAN BOURNE PRIZE FUND."

DR.

William E. Hatch, Superintendent,	<u>\$60.00</u>
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CR.

Income from fund,	<u>\$60.00</u>
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## NEW BEDFORD WATER WORKS.

## DR.

To expenditures as per drafts of the New Bedford Water Board,	\$140,775.06	
December 4, 1899. To balance,	12,836.92	<u>\$153,611.98</u>

## CR.

December 5, 1898. By balance,	\$35,840.11	
By appropriation,	12,000.00	
Receipts as per Treasurer's reports,	105,771.87	<u>\$153,611.98</u>

## CR.

December 4, 1899. By balance,	<u>\$12,836.92</u>
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NEW BEDFORD WATER WORKS—FURTHER  
WATER SUPPLY.

## DR.

To expenditures as per drafts of the New Bedford Water Board,	\$50,281.65	
December 4, 1899. To balance,	59,832.53	<u>\$110,114.18</u>

## CR.

December 5, 1898. By balance,	\$109,533.06	
Receipts as per Treasurer's reports,	581.12	<u>\$110,114.18</u>

## CR.

December 4, 1899. By balance,	<u>\$59,832.53</u>
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## PARK COMMISSION.

Pay rolls :		\$12,741.75
Animal supplies :—		
Francisco V. Andrade,	\$22.68	
C. H. Brownell & Co.,	342.68	
Robert Cooke,	2.50	
H. J. Fredette,	10.88	
Isaac C. Sherman & Son,	221.56	
E. C. Taber,	296.44	
James H. Tripp,	12.00	908.74
Hardware and tools :—		
Brightwood Washer Co.,	3.00	
DeWolf & Vincent,	102.94	
T. M. Hart & Co.,	1.90	
Hillman, Washburn & Co.,	32.50	
Jenney & Buffington,	.50	
P. P. Jenney & Son,	28.28	
N. B. Cordage Co.,	15.07	
N. B. Rubber Co.,	22.50	
Packard Hardware Co.,	1.25	
Page Woven Wire Fence Co.,	91.70	
George D. Richards,	4.17	
Wilson & Wordell,	37.40	
Wood, Brightman & Co.,	18.00	359.21
Plants and shrubs :—		
William S. Brown,	220.97	
W. Atlee Burpee & Co.,	7.36	
Clucas & Boddington Co.,	20.00	
Henry A. Dreer,	42.50	
August Jahn,	35.52	
Jacob W. Manning,	1.20	
Richard Nofftz,	7.20	
William Peirce,	37.00	
R. H. Woodhouse,	50.00	
Denys Zirngiebel,	7.50	429.25
Labor and material :—		
Almy & Hitch,	4.00	
Edward W. Ashley,	6.00	
Peter Black,	60.99	
Blossom Brothers,	42.67	
Thomas W. Croacher,	68.90	
General sewers,	590.72	
Samuel H. Gratto,	16.22	

George E. Hatch,	27.60	
Highways and streets,	1,882.59	
N. B. Water Works,	519.04	
S. S. Paine & Brother,	1.20	
Charles S. Paisler,	13.77	
C. G. & G. A. Randall,	42.26	
George H. Spooner & Brother,	38.00	
William R. West,	2.88	
S. S. Wilbur,	4.00	
Wood, Brightman & Co.,	12.02	3,332.84

## Supplies:—

F. T. Akin & Co.,	5.66	
Brownell & Co.,	9.20	
Elihu Bunker,	1.97	
Denison Brothers Co.,	98.35	
David Duff & Son,	49.65	
Geo. Kirby, Jr. & Co.,	8.00	172.83

## Miscellaneous:—

E. Anthony & Sons, printing,	10.06	
Isaac L. Ashley, carriage hire,	8.00	
J. V. Bancroft, sprinkling,	123.00	
Bliss & Nye, lamp and repairs,	4.00	
W. H. Collins & Co, ruling,	1.50	
Lucretia Coward, storage,	5.00	
Charles H. Gelette, police duty,	34.40	
Dr. H. B. Hamilton, services,	8.00	
Hatch & Co., express,	4.15	
John J. Howland, chairman, expenses,	178.25	
Kirby & Hicks, carriage hire,	4.00	
C. F. Lawton, superintendent, expenses,	7.90	
N. B. Gas & Edison Light Co., lighting,	359.69	
N. D. Phinney, hats,	4.50	
H. B. Remington, use of team,	152.70	
E. B. Whiting & Co., cotton cloth,	.56	
C. E. Woodworth, clock and repairs,	5.00	
Edward E. Wright, flags,	24.00	934.71
		<hr/> \$18,879.33

## CR.

By appropriation,	\$12,000.00	
By transfer from unappropriated funds,	6,000.00	
Receipts as per Treasurer's reports,	143.12	
Transfer to balance,	736.21	<hr/> \$18,879.33

## POLICE DEPARTMENT.

## Pay rolls:—

Officers, patrolmen, housekeepers, etc.,		\$106,606.73
Reserves,	\$2,236.20	
Specials,	563.80	2,800.00

## Committing prisoners:—

Lemuel D. Adams,	212.46	
James W. Arnett,	13.75	
Charles F. Smith,	2.00	
Willis C. Underwood,	3.55	
James A. Wixon,	23.46	255.22

## Fuel and lighting:—

City Coal Co.,	291.92	
T. S. Corson,	2.00	
Denison Brothers Co.,	1.00	
David Duff & Son,	347.07	
John A. Neal,	2.00	
N. B. Gas & Edison Light Co.,	844.01	
J. Henry Peirce,	3.00	
L. A. Washburn,	25.74	1,516.74

## Police signal system:—

American Electrical Works,	48.82	
J. B. Ashley,	45.05	
William Baylies,	149.79	
J. A. & W. Bird & Co.,	17.32	
D. D. Briggs,	4.59	
Brownell, Ashley & Co.,	103.21	
Wm. Cronin & Co.,	9.55	
C. F. Cushing,	.70	
J. G. Davoll,	81.10	
W. E. Decrow,	172.72	
Denison, Plummer Co.,	2.56	
Dr. H. H. Dews,	73.00	
Eastern Automatic Telephone Co.,	288.75	
Edes Manufacturing Co.,	28.00	
Fichtenmayer & Flynn,	14.00	
John W. Footman,	17.42	
Fuller & Taylor,	12.67	
N. T. Fuller,	27.65	
Hatch & Co.,	8.20	
C. S. Knowles,	38.06	
C. H. & H. A. Lawton Co.,	2.70	

Isaac H. Manchester,	3.25	
Pulsifer, Cook & Co.,	91.10	
Pennsylvania Electric Co.,	5.50	
R. T. Refuse,	6.00	
C. R. Sherman,	12.94	
So. Mass. Telephone Co.,	2.74	
Western Telephone Construction Co.,	5.00	
W. P. Wilson,	91.67	1,364.06

## Miscellaneous :—

F. T. Akin & Co., glazing,	1.10	
E. Anthony & Sons, printing and advertising,	110.59	
I. L. Ashley, horse and carriage hire,	89.00	
Ballard & Kirschbaum, index,	1.00	
J. V. Bancroft, sprinkling,	59.00	
George Barnes, M. D., services,	5.00	
Charles D. Beetle, stock and labor,	138.40	
Bennington Soap Co., soap powder,	4.80	
F. S. Blanchard & Co., year book,	3.00	
Bliss & Nye, supplies,	17.90	
Boston Duster Co., dusters,	8.10	
F. S. Brightman Co., paste,	1.68	
George L. Briggs, newspapers,	22.40	
John W. Briggs, hat,	3.00	
Wm. P. Butler, repairs,	1.00	
Wm. H. Caswell, painting,	34.81	
City Steam Laundry Co., laundry,	153.00	
Coggeshall, Maxfield & Co., stock and labor,	5.71	
W. H. Collins & Co., ruling and binding,	12.00	
Robert Cooke, horse hire,	3.00	
Couch & Seeley Co., supplies,	.54	
T. W. Croacher, lumber and carting,	.76	
C. S. & B. Cummings, supplies,	.75	
D. H. DeMoranville, barge hire,	4.00	
S. Desautels, horse hire,	3.00	
DeWolf & Vincent, hardware supplies,	44.51	
R. N. B. Doane, photographs,	6.00	
Draper Manufacturing Co., washing fluid,	3.00	
C. L. Dunbar, labor,	.30	
D. Evans & Co., buttons,	29.00	
D. B. Folger, supplies,	112.87	
S. A. French, equipments,	25.35	
Lucius Gamsby, labor,	25.40	
E. C. Gardiner, horse hire,	3.00	
Emma K. Gardiner, meals for lockup,	203.85	



Manuel F. George, Jr., services,	442.00
George E. Gendron, traveling expenses,	74.80
Thomas J. Gifford & Co., plumbing and supplies,	10.40
C. A. Gray & Co., freight and carting,	7.89
G. F. Gray & Co., insecticide,	8.50
W. A. Greenough & Co., directory,	2.50
T. M. Hart & Co., supplies and repairs,	63.30
Haskell & Tripp, flag,	4.00
Hatch & Co., express,	3.55
D. L. Hathaway & Son, stock and labor,	.52
Franklin L. Hathaway, traveling expenses,	48.20
C. J. Heller, caps,	16.00
James G. Hellyer, stock and labor,	6.20
Mary A. Henderson, cleaning,	13.50
Hillman, Washburn & Co., hardware supplies,	38.23
Owen Holland, Jr., expenses,	1.85
H. S. Hutchinson & Co., directories,	12.50
B. S. Jenkins, paint supplies,	2.65
Johnson & Howland, stock and labor,	5.25
Kirby & Hicks, carriage hire,	1.00
C. H. & H. A. Lawton Co., medical supplies,	11.65
C. W. Lerner & Co., disinfectant,	50.00
Ellen L. Macomber, services as matron,	21.14
Mortimer McCarthy, carting,	2.00
Mercury Publishing Co., printing and adv'g,	17.14
“ “ “ subscription,	6.00
C. H. Mosher, livery,	2.00
N. B. Boiler & Machine Co., stock and labor,	26.53
N. B. Bulletin Co., advertising,	3.00
N. B. Steam Carpet Beating Est., cleaning,	2.45
N. B. Gas & Edison Light Co., labor and supplies,	14.27
Norfolk Manufacturing Co., soap,	11.22
Oak Hall Clothing Co., cloth and wreath,	10.50
Pairpoint Manufacturing Co., gilding,	7.25
E. F. Penney, plumbing,	18.31
Manuel S. Perry, services,	66.00
A. M. Pierce, M. D., services,	4.00
A. P. Pope, stock and labor,	66.33
W. G. Potter, M. D., services,	7.00
E. G. Reynolds, horse hire,	6.00
A. E. Richard, M. D., services,	2.00
George D. Richards, janitor's supplies,	24.05
Wm. D. Richards, carting,	1.00
Schuler Brothers, brushes and blacking,	9.75

Charles R. Sherman, labor and supplies,	3.60	
E. R. Sisson, 2d, services,	144.00	
H. McB. Smith, labor,	2.28	
South Dartmouth Ice Co., ice,	4.50	
So. Mass. Telephone Co., service,	758.00	
“ “ “ “ tolls,	31.52	
J. V. Spare, supplies,	8.29	
J. R. Spaulding & Co., mops,	6.25	
W. B. Stone, photographs,	5.00	
Daniel R. Sullivan, whitewashing,	13.90	
M. C. Swift & Son, clothing and repairs,	18.83	
T. S. Swift, horse hire,	3.00	
Manuel E. Sylvia, stock and labor,	40.06	
R. W. Taber, stationery,	83.36	
George Thomas, ice,	57.00	
M. E. T. de Lavell Thyrnay, M. D., services,	2.00	
Tower & Lyon, wreaths,	23.02	
Charles H. Tripp, ice,	18.60	
Viall & Cook, rent, women's lockup,	200.04	
H. H. Vincent & Co., floor brushes,	6.00	
F. P. Washburn, locker,	7.75	
E. G. Watson, supplies and repairs,	40.30	
Henry N. West, clerk, salary,	780.00	
Western Union Telegraph Co., service,	1.50	
James M. Whittaker, laundry,	109.20	
James L. Wilber, keeper lockup,	99.96	
Henry P. Willis, express charges,	6.35	
C. F. Wing, furniture and bedding,	37.73	
W. B. Wood, key fitting,	1.00	
Wood Brightman & Co., labor and supplies,	62.16	
Emma Young, meals for lockup,	94.35	4,958.80
		<u>\$117,501.55</u>
Transfer to balance,		5,120.61
		<u>\$122,622.16</u>

## C R.

By appropriation,	\$116,000.00	
Receipts as per Treasurer's reports,	6,622.16	\$122,622.16

## POOR DEPARTMENT.

## DR.

## Almshouse:—

Almshouse help, wages,	\$8,267.57
Acushnet Co-op. Association, groceries,	381.98
T. F. Akin & Co., paint and glass,	60.09
Allen's Express, service,	.35
E. Anthony & Son, subscription,	6.00
Anthony, Swift & Co., curing pork,	2.50
Ashley & Peirce Clothing Co., clothing,	207.23
Dr. D. C. Ashley, services,	4.50
William Baylies, flour and grain,	602.11
H. A. Blackmer, rubber blanket,	1.38
James E. Blake, medical supplies,	59.28
Bliss & Nye, crockery and glass,	191.27
H. T. Borden, wood,	75.04
Brett & Simpson, soap,	79.63
Briggs & Lawrence, furniture and repairs,	536.35
Bristol Myers Co., medicine,	12.00
Brownell, Ashley & Co., blacksmithing,	17.82
E. C. Brownell, provisions,	78.03
George L. Brownell, blacksmithing,	143.33
S. A. Brownell & Co., meats,	147.55
Buchell Shoe House, shoes,	12.00
Cable Rubber Co., sheeting,	23.85
Centennial American Tea Co., coffee,	57.50
Chadwick & Co., groceries,	73.20
E. E. Chadwick, meat and provisions,	668.68
E. T. Chapman, tobacco and snuff,	31.90
T. W. Chace & Co., fire pot,	6.00
Church & Hammond, drugs and chemicals,	5.58
C. H. Church, medical supplies,	10.55
H. P. Churbuck, blacksmithing,	5.20
City Coal Co., coal,	423.46
Robert Cooke, bread,	68.90
C. S. & B. Cummings, groceries,	46.61
C. F. Cushing, stable supplies and repairs,	12.85
Davis & Hatch Spice Co., coffee and spices,	35.80
J. Davis & Co., shoes and rubbers,	132.55
J. G. Davoll, flour and grain,	720.13
George Delano's Sons, oil,	.75
Denison Plumber Co., flour and grain,	228.63
Dr. H. H. Dews, services,	5.00

DeWolf & Vincent, hardware and tools,	83.62
Thomas Donaghy, shoes, rubbers and findings,	129.76
Daniel E. Doran, services,	3.00
F. M. Douglass, medicines,	30.30
Driscoll, Church & Hall, groceries,	1,616.39
David Duff & Son, coal,	1,031.71
George E. Faisneau, dry goods,	59.52
George E. Faisneau, Jr., dry goods,	46.58
Fichtenmayer & Flynn, blacksmithing,	115.50
Fire Department, dressing,	474.19
N. T. Fuller, manager, blacksmithing,	20.53
Edward A. Gifford, room rent,	28.50
Greene & Wood, lumber and sash,	115.59
Grow & Hart, harness repairs,	5.05
Jonathan Handy Co., iron,	1.57
T. M. Hart & Co., bags, twine and wax,	29.23
Haskell & Tripp, dry goods,	7.09
T. Hersom & Co., soap,	1.00
Hillman, Washburn & Co., hardware and tools,	47.57
George S. Homer, oil and lye,	9.60
Ida Jackson, organist,	11.25
B. S. Jenkins, paint supplies,	17.46
Wm. L. Kelley, spectacles and clock repairs,	13.25
Kirby & Hicks, hitching horse,	15.00
C. H. & H. A. Lawton Co., drugs, chemicals and seed,	328.30
Joseph S. Lewis, Jr., steam fitting,	42.47
Clarence Lowell, carriage repairs,	1.20
Frederick Macy, dressing,	6.85
Moore & Dick, dry goods,	113.83
Moynan & Co., dry goods,	1.43
George Nelson, whitewashing,	54.11
N. B. Cordage Co., rope,	.70
N. B. Foundry & Machine Co., stock and labor,	.72
N. B. Gas & Edison Light Co., lighting,	558.68
N. B. Rubber Co., rubber goods,	11.00
John Notter, seed potatoes,	5.25
J. D. Nunes, services,	3.00
James H. Nuttall, druggist supplies,	15.24
Charles S. Paisler, lime and cement,	16.00
Charles Peckham, killing pigs,	8.00
Peckham's market, fish,	8.43
E. F. Penney, plumbing, iron and tin ware,	14.93
G. & L. Poisson, dry goods,	18.03
Wm. F. Potter & Co., groceries,	445.47

George D. Richards, kitchen furnishings,	36.40	
Richmond & Co., yeast,	15.66	
S. P. Richmond & Co., yeast,	8.47	
A. Robinson, tobacco,	94.50	
John A. Russell, wood,	41.11	
Sanders & Barrows Co., clothing,	4.00	
Etta Shaw, organist,	50.00	
C. R. Sherman & Son, electrical work,	137.00	
I. C. Sherman & Son, seed,	23.15	
Snell Bakery, crackers,	19.98	
So. Mass. Telephone Co., service and tolls,	52.00	
J. V. Spare, dry goods,	115.47	
Stoughton Rubber Co., sheeting,	5.40	
Sulpho Napthol Co., cleanser,	20.00	
M. C. Swift & Son, clothing,	10.78	
Taber, Read & Gardner, clothing,	23.40	
Robert W. Taber, stationery supplies,	18.81	
William T. Taylor, crockery,	2.28	
H. H. Tillson, hats,	8.25	
C. H. Tripp & Co., blacksmithing,	28.05	
Union Boot & Shoe Co., supplies,	1.25	
U. S. Dental Association, dentistry,	4.00	
Watson Bros., fish,	26.53	
E. G. Watson, machine repairs,	2.00	
Hiram Wheaton & Sons, liquor,	34.40	
E. Williams, chaplain,	174.00	
Wilson & Wordell, tools, seed and fertilizer,	230.75	
Charles F. Wing, shades and matting,	90.76	
Wood, Brightman & Co., stock and labor,	87.23	
John A. Wood & Co., seed,	7.10	\$20,382.78

## Burials:—

Robert G. Bennett,	45.00	
A Desautels,	112.00	
Leon Goldstein,	8.00	
J. B. Jean,	215.00	
Lagasse & Dubois,	30.00	
John E. Moriarty,	66.00	
M. E. Moriarty,	52.00	
T. J. Murphy,	74.50	
John Rogers,	129.50	
J. D. Sullivan,	66.00	
Joseph S. Williams,	315.50	
E. T. Wilson & Son,	210.00	
W. C. Vaughan, Jr.,	78.00	1,401.50

## Cities and towns:—

Adams,	6.50	
Boston,	166.50	
Chelsea,	48.50	
Fairhaven,	87.70	
Fall River,	355.32	
Falmouth,	48.28	
Harwich,	104.00	
Holyoke,	3.15	
Middleborough,	52.19	
Nantucket,	48.00	
Needham,	19.95	
Quincy,	1.20	
Rochester,	78.00	
Salem,	5.71	
Seekonk,	40.50	
Taunton,	14.16	
Waltham,	6.27	
Ware,	26.50	
Worcester,	4.86	1,117.29

## Groceries:—

Acushnet Co-operative Association,	146.00
A. G. Alley, Jr.,	144.50
J. H. Andrews,	199.50
J. H. Armitage,	5.00
William Armitage,	6.00
Reuben Arsenaault,	7.00
J. C. Austin,	32.00
D. W. Baker,	164.57
J. T. Baldwin,	420.50
J. Barlow,	37.50
Mercellino de Baros,	1.50
J. W. Bates & Co.,	235.50
Lot B. Bates,	4.00
Wm. Baylies,	757.50
Bolduc & Langlois,	12.00
Boston Beef Co.,	1,865.50
Mrs. Philip Bradford,	1.00
J. W. Braley, Jr.,	155.50
H. C. Brightman,	31.50
David Bromley,	18.00
C. H. Brownell & Sons,	491.50
S. A. Brownell & Co.,	393.50
Thomas Burgess & Son,	186.00



William Burke,	115.00
A. M. Burns,	104.00
Antone Cabral,	10.50
Central Union Assciation,	494.50
Fred Chadwick,	3.00
Wm. L. Chadwick,	33.00
Wm. H. Chappell,	39.00
C. W. Chase,	32.50
A. Chausse,	4.50
Joseph Chausse,	118.50
Wm. C. Collingwood & Co.,	6.00
Henry W. Cole & Co.,	205.00
Cook & Sawyer,	84.25
John H. Cook,	76.25
S. M. Cote,	1.50
I. C. Couling,	54.00
A. H. Covell,	15.00
Coxen & Tripp,	52.00
C. S. & B. Cummings,	77.50
Cushman Brothers,	135.00
Fred A. Dammon,	310.50
Davidson Brothers,	17.50
Denison Plummer Co.,	6.00
S. Desautels,	51.50
Driscoll, Church & Hall,	839.00
Charles E. Ellis,	141.00
Alfred Fernandes,	16.50
Joseph Fernandes,	39.00
L. C. Fish,	13.50
D. B. Folger,	628.50
J. B. Francis,	11.00
E. M. Frasier,	18.00
Henry Gatie,	60.50
D. H. Gauthier,	168.00
G. A. Gibson,	14.00
A. M. Gifford,	13.00
Ambroise Hamelin,	12.00
G. L. Hammond,	50.50
H. S. Hammond,	20.00
Harrington Cash Store,	253.00
Harrison & Son,	2.00
James Howarth,	21.00
Edward H. Healey,	384.50
Benjamin Hebert,	76.50
Thomas Hersom & Co.,	1.50

William Hindle,	63.00
Herbert W. Hirst,	117.00
Roland Holcomb,	9.50
Beriah G. Howland,	59.00
Frank C. Hoxie,	167.50
A. J. Hughes,	6.00
J. L. Humphrey, Jr.,	24.50
George W. Hunter,	160.50
William M. Jenks,	1.00
W. F. Jenney,	72.00
W. S. Jenney,	43.00
Patrick Jordan,	28.00
M. Keavy,	37.50
Albert H. King,	3.00
Alden M. Lawton,	66.00
Clark Leavitt,	7.00
Joseph Lord,	40.00
William T. Luce, Jr.,	219.50
W. Lussier & Co.,	4.50
Joseph Martin,	12.00
William McCann,	4.50
Michael McDonnell,	63.00
David McGill,	6.00
L. E. Milliken & Co.,	301.50
William T. Montrieff,	12.00
Thomas J. Murphy,	327.50
John Murray,	22.00
John Notter,	175.00
Alfred Nye,	66.00
Alfred Owen,	88.00
A. E. Perry & Co.,	63.50
Charles F. Perry,	495.50
P. Phenix,	110.00
Jacques Pigeon,	2.00
Joseph P. Poute,	33.00
E. L. Potter,	119.50
Wm. F. Potter & Co.,	102.00
Quincy Market,	40.50
J. A. Randall,	10.00
J. F. Riley,	78.50
W. A. Robbins,	3.00
W. F. Robbins,	24.00
Daniel Robinson,	3.00
P. J. Ryan,	26.00
Sears & Wallace,	53.00

Caleb Slade,	49.50	
M. W. Snailham & Son,	12.00	
George B. Stafford,	20.50	
Peter F. Sullivan,	14.50	
John Sweeney,	7.50	
O. R. Taber & Son,	201.50	
Thompson & Sweeney,	32.50	
Augustus C. Tripp,	224.50	
D. K. Tripp,	19.50	
Franklin H. Vinal,	255.50	
A. R. Washburn,	127.50	
John A. Wood & Co.,	3.00	
George Woodcock,	22.50	14,505.57

## Physicians and medical supplies:—

H. A. Blackmer,	8.50	
James E. Blake,	1.10	
C. T. Bosworth & Co.,	10.49	
E. Bunker,	3.55	
Church & Hammond,	.20	
Dr. E. W. Dehn,	101.45	
C. H. & H. A. Lawton Co.,	1.05	
Dr. G. F. Lewis,	101.45	
Dr. W. L. Peters,	3.00	
Dr. J. F. Sullivan,	954.87	
Gideon Therrien,	9.35	
Dr. J. V. Thuot,	951.49	
U. S. Dental Association,	1.00	2,147.50

## Salaries and clerk hire:—

Charles S. Paisler, overseer,	150.00	
Ezekiel C. Gardiner, overseer,	133.33	
A. H. W. Carpenter, overseer,	150.00	
A. H. W. Carpenter, secretary,	700.00	
Ella F. Bucklyn, clerk,	700.00	
William P. Grinnell, clerk,	57.00	
Augustus A. Wood, visitor,	700.00	
Antone H. Senna, interpreter,	600.00	3,190.33

## State Institutions:—

Commonwealth of Massachusetts,	1,539.64
Hospital Cottages for Children,	36.67
Hospital for Dipsomaniacs,	83.57
Hospital for Epileptics,	169.46
School for Feeble Minded,	338.90
Medfield Insane Asylum,	1,314.00

Taunton Insane Hospital,	8,339.75	
Westborough Insane Hospital,	338.91	
Worcester Insane Hospital,	169.46	
Worcester Insane Asylum,	169.46	12,499.82
Wood and coal yard:—		
Andrew J. Ashley, superintendent,	348.00	
City Coal Co., coal,	698.97	
F. C. Coffin, superintendent,	40.00	
Stephen P. Coffin, superintendent,	56.00	
DeWalf & Vincent, grate,	.50	
David Duff & Son, coal,	1,747.22	
Highways and streets, carting,	595.68	
P. P. Jenney & Son, tools and fitting,	7.75	
E. F. Penney, plumbing,	3.90	
George D. Richards, broom,	.40	
John A. Russell, wood,	48.80	
John T. Skiff, wood,	121.30	
George H. Spooner & Bro., wood,	226.30	
Wood, Brightman & Co., pipe repairs,	.80	3,895.62
Miscellaneous:—		
Almy & Hitch, labor,	.50	
E. Anthony & Sons, advertising and printing,	51.43	
“ “ “ subscription,	6.00	
Ashley & Peirce Co., clothing,	19.42	
Ballard & Kirschbaum, index,	1.00	
F. S. Blanchard & Co., year book,	3.00	
Boston Shoe Store, shoes,	1.50	
Briggs & Lawrence, furniture and repairs,	101.05	
F. S. Brightman Co., stationery,	3.42	
Buchell Shoe House, shoes,	1.00	
Cherry & Co., dress,	2.25	
City Treasurer, cash orders,	2,347.83	
W. H. Collins & Co., stationery and binding,	33.30	
C. S. & B. Cummings, matches,	.20	
J. Davis & Co., shoes and rubbers,	47.40	
P. Devoll & Son, shoes and rubbers,	7.75	
DeWolf & Vincent, hardware,	1.58	
E. C. Gardiner, carriage hire,	45.00	
W. A. Greenough & Co., directory,	2.50	
Haskell & Tripp, dry goods,	19.44	
Thomas F. Healey, shoes,	2.00	
Samuel Hobbs & Co., stationery,	26.50	
William L. Kelley, clock repairs,	1.50	
Kirby & Hicks, carriage hire,	2.00	

Library Bureau, stationery,	16.80	
Mercury Pub. Co., advertising and printing,	9.95	
Mercury Pub. Co., subscriptions,	12.00	
Moore & Dick, hose,	.25	
N. B. Gas & Ed. Light Co., labor and supplies,	1.40	
S. F. Perry & Son, carriage hire,	5.00	
J. Henry Peirce, carriage hire,	6.00	
A. M. Rogers, transportation,	40.05	
Sherman & Habicht, binding,	3.15	
Charles R. Sherman, labor,	2.15	
So. Mass. Telephone Co., service and tolls,	136.89	
St. Luke's Hospital, board,	49.27	
St. Mary's Home, board,	52.00	
R. W. Taber, stationery,	33.13	
B. H. Waite & Co., carpet,	76.38	
E. G. Watson, repairs and fitting,	1.25	
E. Williams, transportation,	20.70	
Charles F. Wing, brush,	.75	3,194.69
		<u>\$62,335.10</u>
Transfer to balance,		3,848.57
		<u>\$66,183.67</u>

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CR.

By appropriation,	\$55,000.00	
Receipts as per Treasurer's reports,	11,183.67	\$66,183.67

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## PRINTING, BINDING AND STATIONERY.

## DR.

Adams, Cushing & Foster,	\$18.52	
E. Anthony & Sons,	1,712.39	
Blackbird Pen Co.,	7.00	
F. S. Brightman Co.,	5.71	
Carter's Ink Co.,	2.00	
W. H. Collins & Co.,	554.78	
Daily L'Independent,	6.00	
W. A. Greenough & Co.,	30.00	
Samuel Hobbs & Co.,	38.00	
Joseph P. Kennedy,	3.50	
Lyon Platinum Pen Co.,	4.00	
Henry M. Meek,	1.00	
Mercury Publishing Co.,	435.50	
Morgan, Crossman & Co.,	2.80	
N. B. Printing Co.,	7.00	
W. F. Salter,	1.50	
C. R. Sherman & Son,	1.40	
Robert W. Taber,	383.78	
Thorpe & Martin Co.,	48.75	
Wyckoff, Seamans & Benedict,	1.35	\$3,264.98

## CR.

By appropriation,	\$3,000.00	
Receipts as per Treasurer's reports,	4.00	
Transfer to balance,	260.98	\$3,264.98



## PUBLIC BATH, EAST FRENCH AVENUE.

## DR.

E. Anthony & Sons, advertising,	\$5.50	
A. Baillargeon, furniture and fixtures,	16.38	
Charles D. Beetle, skiff boat,	14.00	
“ “ “ stock and labor,	57.82	
William P. Butler, hardware and tools,	16.65	
J. B. Demoranville, contractor,	1,530.00	
“ “ stock and labor,	84.63	
John H. Ennis, painting,	25.50	
John Hannigan, postage,	1.00	
T. M. Hart & Co., flag,	4.75	
N. P. Hayes, hardware and hose,	16.92	
Samuel C. Hunt, architect fees,	57.40	
C. H. & H. A. Lawton Co., paper and soap,	1.05	
Patrick McDonald, labor,	4.00	
Mercury Publishing Co., advertising,	4.28	
N. B. Dry Goods Co., towels,	.75	
N. B. Water Works, labor and material,	237.44	
E. F. Penney, shower baths,	25.00	
S. F. Perry & Son, carriage hire,	15.00	
George D. Richards, broom and basin,	1.15	
Rotch & Potter, insurance,	12.50	
So. Mass. Telephone Co., tolls,	.40	
John B. Sullivan, removing rock,	75.00	
Wamsutta Club, entertainment,	15.86	
William H. Wilcox, superintendent,	112.75	\$2,335.73
Transfer to balance,		2,664.27
		<u>\$5,000.00</u>

## CR.

By special appropriation,	<u>\$5,000.00</u>
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## PUBLIC SCHOOLS—INCIDENTALS.

## DR.

## Salaries :—

William E. Hatch, superintendent and secretary,	\$3,500.00	
Emma M. Almy, clerk,	850.00	
Mary C. Potter, clerk,	496.15	
Sarah D. Ottiwell, clerk,	600.00	
George K. Dammon, messenger,	784.60	\$6,230.76

## Pay rolls :—

Janitors and truant officers,	17,050.69
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## Books and stationery :—

Allyn & Bacon,	35.92
American Book Co.,	505.16
E. Anthony & Sons,	622.20
D. Appleton & Co.,	11.00
Edward E. Babb & Co.,	15.00
Bailey Manufacturing Co.,	7.95
Boston School Supply Co.,	314.17
T. H. Castor & Co.,	38.80
Chemical Paper Co.,	952.70
Clasp Envelope Co.,	5.50
W. H. Collins & Co.,	169.65
Frost & Adams Co.,	108.82
Joseph Gillott & Sons,	136.50
Ginn & Co.,	357.95
J. L. Hammett Co.,	49.37
D. C. Heath & Co.,	119.47
Holden Patent Book Cover Co.,	638.46
Houghton, Mifflin & Co.,	27.60
H. S. Hutchinson & Co.,	25.91
Joseph P. Kennedy,	3.63
Maynard, Merrill & Co.,	527.12
Mercurey Publishing Co.,	85.25
Neostyle Co.,	6.59
George S. Perry & Co.,	223.25
Prang Educational Co.,	446.64
G. P. Putnam's Sons,	80.00
Rand, McNally & Co.,	1.19
Riverside Paper Co.,	459.68
Charles Scribner's Sons,	.80
Sibley & Ducker,	7.64

Silver, Burdette & Co.,	.69	
Smith Premier Typewriter Co.,	3.25	
Robert W. Taber,	653.51	
Thompson, Brown & Co.,	121.88	
Thorpe & Martin Co.,	7.20	
University Publishing Co.,	.20	
John Wiley & Sons,	1.31	
Allen F. Wood,	15.13	
William Wood & Co.,	90.00	
Wyckoff, Seamans & Benedict,	15.50	6,892.59
Fuel and lighting :—		
Mary I. Ashley,	4.00	
Merton B. Ashley,	133.65	
Edward Begley,	2.00	
William R. Best,	5.00	
H. T. Borden,	28.00	
City Coal Co.,	4,864.94	
James Dowling,	3.25	
David Duff & Son,	4,058.84	
J. R. Gurney, Jr.,	9.00	
David Hutchings,	24.00	
N. B. Gas & Edison Light Co.,	1,208.11	
John N. O'Brien,	59.96	
John V. O'Neil,	.80	
Spencer's Wood Yard,	2.50	
George H. Spooner & Brother,	6.24	
H. N. Westgate,	6.81	
Wood, Brightman & Co.,	9.07	10,426.17
Rents :—		
William Deacon,	310.00	
H. G. Dennis,	25.00	
Harriet H. Gilman,	40.00	
Franklin E. James,	312.13	
Knights of Columbus,	2.00	
John H. Lowe,	532.50	
Thomas J. Meaney,	1,680.00	
N. B. City Guards,	36.00	
South Primitive Methodist Church,	540.00	
Spruce Street Christian Church,	480.00	
Joseph S. Sisson,	65.00	4,022.63
Supplies :—		
F. T. Akin & Co.,	20.06	
James E. Blake,	2.95	
J. D. Blanchard & Co.,	1.45	

Bliss & Nye,	402.83
Blossom Bros.,	6.25
Boston Duster Co.,	17.55
C. T. Bosworth & Co.,	1.07
C. H. Brownell & Son,	131.95
E. C. Brownell,	.67
E. Bunker,	1.00
Bullock & Waldron,	1.85
William Burke,	1.00
William P. Butler,	11.37
T. W. Chace & Co.,	22.00
C. S. & B. Cummings,	1.75
C. F. Cushing,	.50
DeWolf & Vincent,	9.54
F. M. Douglass,	4.90
Driscoll, Church & Hall,	23.00
C. L. Dunham,	17.25
Elmer & Amend,	21.65
Engineering department,	.50
George E. Faisneau,	9.50
George E. Faisneau, Jr.,	3.36
Haskell & Tripp,	3.00
George E. Hatch,	9.00
N. P. Hayes,	1.50
Thomas Hersom & Co.	38.47
Hillman, Washburn & Co.,	75.87
Perry P. Jenney & Son,	28.60
L. E. Knott Apparatus Co.,	22.02
N. B. Rubber Co.,	1.00
New York Calcium Light Co.,	6.00
Packard Hardware Co.,	25.30
Pairpoint Mfg. Co.,	2.50
William A. Pease,	13.75
George S. Perry & Co.,	141.25
E. H. Peirce,	1.90
G. & L. Poisson,	2.90
Popes Island Mfg. Co.,	3.04
C. G. & G. A. Randall,	122.82
George D. Richards,	25.42
Slocum & Kilburn,	12.60
J. V. Spare,	1.00
Elizabeth C. Sprague,	1.78
Sulpho Napthol Co.,	45.00
A. T. Thompson & Co.,	6.85
Watson Brothers,	2.01

White & Fairchild,	1.00	
E. B. Whiting & Co.,	1.50	
Henry P. Willis,	41.21	
Wyckoff, Seamans & Benedict,	.90	1,352.14

## Janitors' labor, laundry and sundries :—

Robert Arnett,	49.65	
Samuel S. Broadbent,	21.73	
Phylander Chace,	9.16	
William J. Cochrane,	11.07	
George K. Dammon,	5.37	
Henry M. Gifford,	13.81	
James T. Heron,	22.72	
Thomas C. Holmans,	11.23	
Edwin Jones,	17.24	
Hiram T. Lumbert,	32.99	
John Lumbert,	12.69	
D. J. McAuliffe,	3.12	
Robert J. Moncrieff,	10.87	
F. O. Pollock,	84.54	
John H. Rudge,	9.33	
John Silvia,	25.16	
E. S. Tallman,	5.51	
William J. Tilton,	7.03	
Leroy G. Tripp,	7.99	
James A. Wood,	25.16	
A. P. White,	20.39	406.76

## Labor :—

George Bailey,	144.75	
Manuel Brown,	3.75	
M. E. Daley,	9.80	
D. J. McAuliffe,	25.80	184.10

## Labor and material :—

William P. Briggs,	57.50	
T. W. Chace & Co.,	37.76	
Robert B. Devoll,	1.46	
Richard T. Durfey,	14.69	
T. M. Hart & Co.,	15.74	
D. L. Hathaway & Son,	113.07	
George E. Hatch,	21.55	
Perry P. Jenney & Son,	25.85	
N. B. Gas & Edison Light Co.,	170.51	
A. P. Pope,	3.68	
Charles R. Sherman & Son,	25.73	
R. A. Sherman A Son,	123.67	

Frank B. Sistare,	22.11	
Louis Therrien,	18.40	
F. P. Washburn,	2.90	
Samuel Whitlow,	5.75	
Wood, Brightman & Co.,	2.94	663.31

## Furniture, shades and repairs :—

Almy & Hitch,	48.15	
George E. Borden,	45.00	
George E. Borden & Co.,	36.01	
Briggs & Lawrence,	26.48	
Chandler Adjustable Chair & Desk Co.,	177.83	
C. A. Galligan,	46.80	
Herbert S. Peirce,	7.50	
Henry T. Phillips,	103.25	
Rattan Novelty Co.,	2.30	
F. R. Slocum,	41.60	
Charles F. Wing,	280.49	
Wyckoff, Seamans & Benedict,	32.00	847.41

## Miscellaneous :—

Edwin Allen, express,	4.10	
American Bank Note Co., diplomas,	48.75	
Thomas L. Andrews, repairs,	1.00	
E. Anthony & Sons, advertising,	34.95	
“ “ “ subscription,	6.00	
J. V. Bancroft, sprinkling,	31.00	
Bates, Kirby & Co., ice,	4.13	
John B. Baylies, stoves,	20.00	
Willard B. Bennett, repairs,	2.25	
Bent & Bush, belts,	9.00	
C. T. Bonney, Jr., expenses,	3.25	
Peter Black, halyards,	1.42	
E. F. Buffington, lantern slides,	2.00	
Catholic Union Pub. Co., advertising,	2.00	
Charles H. Chase, transportation,	36.40	
Samuel H. Cook & Co., boiler insurance,	100.00	
William B. Cross, use of theatre,	76.50	
C. F. Cushing, repairs,	1.60	
George K. Dammon, disbursements,	24.45	
William Deacon, services,	22.63	
Adelaide V. Finch, expenses,	11.51	
Fournier & Nicholson, snow plough,	7.00	
E. M. Frasier, door stops,	8.40	
Edgar H. Gammons, services,	6.00	
Arthur F. Gilbert, picture cord and hooks,	2.90	



C. A. Gray & Co., freight and carting,	65.96
Greene & Wood, lumber,	3.37
Hammond Typewriter Co., eight machines,	400.00
Edward S. Haskell, decorations,	12.00
Haskell & Tripp, ribbon,	18.47
W. E. Hatch, disbursements,	3.85
Hatch & Co., express,	42.95
A. B. Hathaway, class motto,	10.00
George B. Hathaway, services,	28.00
George W. Hillman, flags,	38.00
Mary R. Hinkley, services,	1.50
W. A. Jennings, carting,	279.51
Charles F. Keen, grinding tools,	6.45
William L. Kelley, clocks and repairs,	33.75
E. R. King, tools,	1.95
Eudora Lawrence, sundries,	1.50
John A. MacColl, services,	10.00
George H. Martin, lecture,	25.00
Mercury Publishing Co., advertising,	37.07
“ “ “ subscription,	6.00
Moynan & Co., ribbon,	1.08
N. B. Bulletin Co., advertising,	7.54
N. B. Co-operative Co., express,	5.30
N. B. Cordage Co., halyards,	.50
N. B. Dry Goods Co., ribbon and cambric,	3.65
N. B. High School Cadets, drills,	15.00
N. B. Steam Carpet Beating Co., cleaning,	16.68
Packard Hardware Co., truck,	2.25
Emma H. Parker, expenses,	3.25
Frank R. Pease, seed,	1.90
William Peirce, use of plants,	.75
A. W. Perkins & Co., carting,	.75
S. F. Perry & Son, carriage hire,	11.75
Henry T. Phillips, services,	25.00
F. H. Sargent, plating,	1.00
Mortimer Searles, rubber stamps,	3.25
James Slater, flag,	6.00
Allen Smith, Jr., carriage hire,	31.50
So. Mass. Telephone Co., service,	143.85
George H. Spooner, transportation,	86.00
D. J. Sullivan, clocks and repairs,	33.50
Teachers' Art Committee, sundries,	10.55
J. G. Tirrell, photographs,	100.00
E. E. Tolman, music,	18.00
United Typewriter & Supplies Co., repairs,	.65

Union Street Railway, car tickets,	120.00	
F. B. Webster Co., naturalists' specimens,	20.00	
James M. Whittaker, laundry,	20.50	
James A. Wood, services,	33.00	
J. Arnold Wright, burlap,	1.16	
Zeigler Electric Co., instruments,	50.09	2,267.02
		<u>\$50,343.58</u>

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## CR.

By appropriation,	\$42,500.00	
By special appropriation,	7,000.00	
Receipts as per Treasurer's reports,	696.66	
Transfer to balance,	146.92	<u>\$50,343.58</u>

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## PUBLIC SCHOOLS—PAY OF TEACHERS.

Dr.

## HIGH SCHOOL.

Charles S. Moore,	\$1,856.25	
Wilson R. Butler,	893.75	
William K. Norton,	1,665.00	
Charles T. Bonney, Jr.,	1,600.00	
Charles R. Allen,	1,632.50	
Ernest V. Page,	1,495.50	
Lydia J. Cranston,	1,000.00	
Elizabeth P. Briggs,	402.00	
Mary E. Austin,	745.50	
Lucretia N. Smith,	900.00	
Emma K. Shaw,	900.00	
Helen L. Hadley,	900.00	
Mabel W. Cleveland,	900.00	
Emma H. Parker,	866.25	
Katharine M. Crabtree,	800.00	
Edmond E. Baudoin,	300.00	\$16,856.75

## GRAMMAR SCHOOLS.

## Fifth Street:—

Allen F. Wood,	1,900.00	
Lydia A. Macreading,	675.00	
N. Emma Stack,	673.31	
Mary E. Allen,	600.00	
Sarah E. Stoddard,	600.00	
Emma A. McAfee,	600.00	
Mary W. Leymunion,	584.00	
Annie C. Hart,	600.00	
Mary A. Kane,	600.00	
Grace L. Carver,	600.00	
Lottie M. Allen,	597.00	8,029.31

## Middle Street:—

George H. Tripp,	1,900.00	
Lucy B. Fish,	675.00	
Lucy F. Winchester,	675.00	
Anastasia O'Keefe,	599.00	
Ida M. Clement,	403.00	
Clara S. Vincent,	597.00	
Etta M. Abbott,	600.00	

Helen McCoy,	600.00	
Lizzie E. Omev,	597.00	
Julia C. Gifford,	596.00	
Elizabeth D. Hicks,	532.00	
Regina M. Paul,	195.00	7,969.00

## Parker Street :—

Arthur F. Gilbert,	1,881.00	
Anna L. Jennings,	672.02	
Helen Ring,	253.05	
Mabel A. Valentine,	599.00	
Daisy M. Butts,	600.00	
Mary L. Petty,	585.00	
Mariana N. Richmond,	618.38	
Lillian T. Thomas,	600.00	
Emily A. Delano,	596.00	
Susan H. Lane,	536.00	
Regina M. Paul,	405.00	
Flora M. Corwin,	165.63	
Angie M. Lurvey,	563.50	
Clara J. Wetherell,	186.11	
Emma A. Eaton,	195.00	
Kate Moore,	135.00	
Belle B. Wheeler,	195.00	
Rose M. Meaney,	141.13	
M. Jeannette Henry,	202.44	
Imogene Conland,	60.00	
Mary D. Chadwick,	153.00	
Lizzie A. Nickerson,	60.00	9,402.26

## Thompson Street :—

Alice C. Munsey,	1,200.00	
Mary A. Macy,	600.00	
Cora B. Cleveland,	600.00	
Elizabeth M. Briggs,	600.00	
Grace E. Weeks,	159.00	
M. Jeannette Henry,	195.06	
Agnes M. James,	566.25	
Grace W. Glines,	556.25	
Annie L. Murkland,	464.25	
Anna H. Bartlett,	480.93	
Helen T. Maxfield,	297.68	
Janet Hunter,	65.00	
Mary O. Lamb,	105.00	
Mary Baker,	67.50	5,956.92

## Phillips Avenue:—

Agnes J. Dunlap,	1,064.25	
Clara M. Woodward,	600.00	
Alice A. Richardson,	598.50	
Susan Gifford,	483.12	2,745.87

## Wm. H. Taylor:—

Mary E. McAuliffe,	624.00	
Rachel M. Wordell,	435.88	
Janet Hunter,	165.00	1,224.88

## PRIMARY SCHOOLS.

## Acushnet Avenue:—

Jane C. Thompson,	750.00	
S. Agnes Holmes,	206.25	
Carrie S. Silva,	550.00	
Nellie A. Walker,	343.75	
Margaret H. Holmes,	550.00	
Sarah E. Kirwin,	550.00	
Julia M. Pilling,	550.00	
Harriet L. Cornell,	536.40	
Lida J. Brightman,	536.40	
Mary C. Barstow,	550.00	
Sylva W. Paulding,	456.65	
Ella W. Keene,	456.65	6,036.10

## I. W. Benjamin:—

Jane E. Gilmore,	872.25	
Annie C. O'Connor,	550.00	
Nellie W. Davis,	537.20	
Alice A. Taylor,	547.25	
Mary F. Livingstone,	550.00	
Emma L. Gartland,	550.00	
Flora A. Pearl,	550.00	
Marion H. Swasey,	543.60	
Laura C. McCabe,	542.00	
Sophie T. Anthony,	542.00	
Mary E. Ward,	509.05	
Lila D. Haney,	529.10	
Florence M. Anthony,	433.12	
Cecilia A. Deane,	433.12	
Hannah E. Norton,	364.40	
Mary B. Boardman,	365.00	8,418.09

## Cedar Grove Street :—

Maria B. Clark,	906.88	
Annie G. Brawley,	550.00	
Isabella F. Winslow,	547.25	
Kate Sweet,	549.20	
Alice P. Winchester,	550.00	
Ruth E. Pease,	368.05	
Minnie C. Ritter,	394.25	
Julia W. Corish,	368.50	
Grace N. Bramhall,	530.80	
Sarah Peckham,	536.75	
Harriet A. Taylor,	537.20	
Agnes D. Allen,	433.12	
Mary P. Brownell,	433.12	
Grace W. Dillingham,	420.72	
Helen L. Corish,	390.40	
Alice E. Higham,	394.00	
S. Agnes Holmes,	123.75	
Minnie H. Smythe,	130.00	
Alice E. Boardman,	178.75	
Gertrude Hawes,	151.25	8,493.99

## Cedar Street :—

Hattie L. Finlan,	687.25	
Bessie P. Peirce,	550.00	
Annie L. Edwards,	382.80	
Mabel L. Hathaway,	548.40	
Ruth M. Tripp,	548.63	
M. Beulah Edwards,	368.05	
Sarah A. Winslow,	110.00	
Edith M. B. Taber,	550.00	
Minnie H. Smythe,	42.00	
Esther W. Paull,	178.75	3,965.88

## Clark Street :—

Elizabeth P. Spooner,	725.00	
Lucy S. Leach,	496.15	
Isabella Luscombe,	550.00	
Martha D. Shute,	550.00	
Annie S. Ray,	545.88	
Esther W. Paul,	321.50	
Lucia E. Bliss,	542.00	
Grace A. Rounsevell,	459.85	
Clara L. Bennett,	421.92	
Mary E. Warner,	178.75	4,791.05



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## AUDITOR'S REPORT.

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## Cannonville:—

Adelaide J. McFarlin,	567.00	
Florence A. Poole,	549.20	1,116.20

## Dartmouth Street:—

Isadore F. Eldridge,	698.40	
Sarah F. Pratt,	550.00	
Annie F. Smith,	516.28	
Nellie H. Cook,	538.80	
Carrie W. Bliss,	485.60	
Jennie B. Fuller,	433.12	
Carolyn S. Jones,	408.13	
Nellie L. Foster,	486.50	4,116.83

## George H. Dunbar,

M. Eva Schwall,	700.00	
Grace H. Potter,	530.90	
Alice J. Lawrence,	550.00	
Helen G. Malley,	550.00	
Angela F. Bowie,	550.00	
Mary L. Rogers,	492.00	
Mary V. Perry,	433.12	
Jennie A. Murphy,	421.52	4,227.54

## Thomas A. Greene:—

Annie L. Macreading,	746.85	
Eliza H. Sanford,	550.00	
Sarah E. Sears,	540.40	
Lillie C. Tillinghast,	346.08	
Caroline E. Bonney,	541.65	
Dora A. DeWolf,	545.20	
Mabel A. Morris,	516.25	
Bertha C. Hathaway,	463.05	
Nellie E. Gibson,	415.12	
Gillian M. Gordon,	513.75	
Harriet S. Ashley,	130.00	
Edith M. Pratt,	80.00	5,388.35

## Sylvia Ann Howland:—

Carrie E. Footman,	603.58	
Amelia Lincoln,	412.25	
Mary J. Graham,	550.00	
Helen J. Kirk,	550.00	
Ruth A. Wilde,	484.35	2,600.18

## Merrimac Street :—

Harriet S. Damon,	649.44	
Julia A. Ellis,	496.95	
Addie West,	550.00	
Anna I. Dexter,	522.80	
Clara Davis,	385.00	
Grace A. Arms,	433.12	
Maria Gendron,	94.40	3,131.71

## Phillips Avenue :—

Helen I. Boyd,	550.00	
Ida A. Ricker,	371.25	
Louise M. Newhall,	546.80	
Helen K. Covill,	428.32	
May H. Wentworth,	33.75	
Mary E. Peckham,	130.00	
Helen T. Maxfield,	127.44	2,187.56

## William H. Taylor :—

Bertha M. Martindale,	516.25	
Florence S. Hartshorn,	425.92	
Harriet J. Thorpe,	370.00	1,312.17

## Mary B. White :—

Mary E. Pasho,	602.50	
Annie E. Pearce,	550.00	
Clara C. M. Gage,	327.88	
A. Gertrude Wheaton,	538.80	2,019.18

## Harrington Normal and Training School :—

Josephine B. Stuart,	1,581.00
Cora A. Newton,	75.00
Mary E. Trask,	1,100.00
Carolyn D. Wood,	900.00
Kate Moore,	465.00
Belle Almy,	41.25
Grace W. Russell,	498.10
Mary J. Read,	320.00
Harriet S. Ashley,	250.40
Ethel Bliss,	137.20
Mary E. Boardman,	12.00
Kate W. Chace,	129.20
Edith L. Cornish,	139.60
Adelaide M. Cota,	138.40
Emily W. Davis,	129.32
Mary E. Gleason,	138.80
Louise E. Hicks,	142.00

Bertha E. Jenney,	129.20	
Catherine A. McGuinness,	140.12	
Rose M. Meaney,	5.60	
Hannah E. Norton,	8.00	
Mary L. Sisson,	118.00	
Mary W. Snow,	135.60	
Minnie H. Smythe,	9.20	
Annie H. Taber,	124.80	
Harriet J. Thorpe,	12.00	
Lulu F. Rider,	128.80	7,008.59

## UNGRADED SCHOOLS.

## North Mill:—

Emma R. Wentworth,	620.00	
Flora M. Corwin,	398.75	1,018.75

## South Mill:—

Lucy J. Remington,	620.00	
Ruby M. Tripp,	550.00	1,170.00

## Acushnet:—

Annie C. Maxfield,	700.00	
Belle B. Wheeler,	405.00	
Harriet N. Hyatt,	548.63	
Ivy H. Smith,	195.00	
Mary G. La Plant,	162.50	2,011.13

## North:—

Mary I. Ashley,	555.00	
Mary G. F. Davis,	550.00	1,105.00

## Plainville:—

Eudora Lawrence,	600.00	600.00
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## Rockdale:—

Addie W. French,	600.00	
Alice P. Terry,	400.00	1,000.00

## SPECIAL TEACHERS.

F. H. Butterfield,	1,890.50	
Mary W. Gilbert,	1,470.00	
Lena M. Willis,	562.25	
Gertrude H. Leonard,	525.00	
Harriet S. Phillips,	515.00	
Edwin R. King,	1,400.00	
Elizabeth C. Sprague,	337.50	
S. Agnes Donham,	195.00	
Louise A. Birchard,	120.00	7,015.25

## EVENING SCHOOLS.

## Cedar Grove Street:—

Ernest V. Page,	102.50	
Arthur F. Gilbert,	42.00	
Mary E. Ward,	31.50	
Sarah F. Pratt,	60.00	
Flora M. Corwin,	33.00	
Gillian M. Gordon,	60.00	
Mellie G. Harding,	57.00	
Annie G. Brawley,	60.00	
Edith Spooner,	24.00	
Nannie P. Slocum,	60.00	
Alice Kelleher,	60.00	
Isabella F. Winslow,	60.00	
Isadore B. Lee,	33.00	
Florence S. Hartshorn,	33.00	
Bertha M. Martindale,	30.00	
Mary R. Hinckley,	60.00	
Abby R. Johnson,	60.00	
Dora A. DeWolf,	31.50	
Sylvia W. Paulding,	58.50	
Carolyn S. Jones,	60.00	
Alice L. Allen,	33.00	
Mary E. Boardman,	1.50	
Eliza G. M. Jenney,	9.00	
Mary J. Read,	27.00	
Julia M. Pilling,	27.00	
Rose M. Meaney,	27.00	
Hannah E. Norton,	27.00	
Minnie H. Smythe,	27.00	
Mary E. Haney,	27.00	
Jennie E. Gardner,	27.00	
Jennie E. Murphy,	24.00	
Lulu F. Rider,	18.00	1,290.50

## Fifth Street:—

George H. Tripp,	149.00
Sarah E. Stoddard,	60.00
Mary J. Graham,	60.00
Ruth M. Tripp,	60.00
Sara Peckham,	58.50
Nellie H. Cook,	60.00
Julia C. Gifford,	60.00
Grace A. Rounsevell,	12.00
Etta M. Abbott,	27.00

Annie C. Hart,	60.00	
Elizabeth C. Tillinghast,	25.50	
Clara S. Vincent,	27.00	
Catharine T. Johnson,	60.00	
Helen McCoy,	60.00	
Edith M. B. Taber,	33.00	
Robert E. Briggs,	33.00	
N. Emma Slack,	27.00	
Ella W. Keene,	25.50	
Jennie E. Gardner,	1.50	
Mary E. Peckham,	1.50	900.50

## Parker Street :—

Mary A. Kane,	149.00	
Sara L. Tallman,	60.00	
Julia W. Corish,	30.00	
Florence A. Poole,	33.00	
Mary F. McIntyre,	60.00	
Sarah E. Kirwin,	60.00	
Sarah S. Fletcher,	33.00	
Harriet L. Cornell,	54.00	
Eliza G. M. Jenney,	33.00	
Elizabeth Jones,	18.00	
Anna L. Jennings,	27.00	
Mary F. Livingstone,	60.00	
Mary E. Haney,	22.50	
Peter Chagarooly,	43.50	
Helen Corish,	28.50	
Mary E. Peckham,	1.50	
Regina M. Paul,	27.00	
Esther Paul,	27.00	
Margaret H. Holmes,	27.00	
Helen T. Maxfield,	24.00	818.00

## Phillips Avenue :—

Arthur F. Gilbert,	84.00	
Eliza G. M. Jenney,	36.00	
Madeline Kyle,	33.00	
Annie C. Maxfield,	60.00	
Susan Gifford,	15.00	
Helen T. Maxfield,	36.00	
Ida E. Bailey,	15.00	
Hannah J. Ardill,	33.00	
George Marsden,	42.00	
Mary G. La Plant,	27.00	

Mary E. Peckham,	27.00	
Nellie E. Gibson,	6.00	
Jennie A. Murphy,	3.00	
Nellie L. Foster,	27.00	444.00

## Thompson Street:—

Joseph P. Kennedy,	149.00	
Mabel A. Valentine,	33.00	
Kate K. Whelden,	60.00	
Clara M. Woodward,	58.50	
Emma L. Gartland,	60.00	
Annie F. Smith,	46.50	
Alice A. Taylor,	60.00	
Helen G. Malley,	60.00	
Mary L. Rogers,	60.00	
Cecilia A. Deane,	45.00	
Mary V. Perry,	40.50	
Agnes D. Allen,	42.00	
Janet Hunter,	27.00	
Sarah S. Fletcher,	6.00	
Jennie Gardner,	1.50	
Jennie A. Murphy,	1.50	750.50

## Evening High School:—

William K. Norton,	95.00	
Ernest V. Page,	59.50	
Charles R. Allen,	66.50	
Charles T. Bonney, Jr.,	51.00	
Janie W. Stetson,	34.00	
Alice M. Hillman,	17.00	
Minerva F. Maxfield,	17.00	340.00

## Evening Drawing School:—

George H. Nye,	153.00	
Oliver H. Gardner,	66.00	
Katharine M. Crabtree,	60.00	
Franklin E. Smith,	102.00	381.00

## SUBSTITUTES.

Elsey L. Bristol,	180.00
Ethel Bliss,	9.60
Edith L. Cornish,	2.00
Mary D. Chadwick,	12.00
Ethel E. Clapp,	16.80
Adelaide M. Cota,	4.80
Kate W. Chace,	16.00



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Emily W. Davis,	28.90	
Mary E. Gleason,	5.60	
Janet Hunter,	13.00	
Mary L. Hillman,	.80	
S. Agnes Holmes,	213.60	
Ruth Howland,	.80	
Bertha E. Jenney,	27.40	
Mary A. Livesey,	26.00	
Angie M. Lurv�y,	2.75	
Rose M. Meaney,	126.80	
Catherine A. McGuinness,	13.76	
Hannah E. Norton,	7.20	
Mary E. Peckham,	197.20	
Dora A. Parker,	14.00	
Mary J. Read,	54.80	
Lulu F. Rider,	63.20	
Grace W. Russell,	46.40	
Katherina W. Sanborn,	385.00	
Jessie W. Stetson,	3.00	
Minnie H. Smythe,	128.80	
Mary W. Snow,	14.40	
Mary L. Sisson,	49.60	
Annie H. Taber,	36.40	
Nellie A. Vance,	26.00	1,726.61
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		\$137,569.65
To transfer to balance,		2,440.35
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		\$140,010.00
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## CR.

By appropriation,	\$81,584.00	
By transfer from unappropriated funds,	58,416.00	
Receipts as per Treasurer's report,	10.00	\$140,010.00
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## PUBLIC SCHOOLS—REPAIR OF BUILDINGS.

## DR.

## Acushnet:—

M. C. Ashley,	\$26.10	
Brownell & Co.,	10.10	
C. F. Chase,	121.50	
George W. Dexter,	10.00	
C. L. Dunham,	2.43	
John F. Parker,	5.50	
Howard Pittsley,	2.50	
F. P. Washburn,	5.35	
Herbert L. Weeks,	15.25	\$198.73

## Acushnet Avenue:—

Babbitt, Wood & Co.,	.30	
C. F. Cushing,	.25	
M. A. Hickey,	4.49	
B. C. Magnett,	26.00	
T. J. Moriarty,	25.60	
N. B. Boiler & Machine Co.,	101.52	
E. F. Penney,	59.19	
R. A. Sherman,	25.31	242.66

## Benjamin:—

Charles E. Allen,	6.90	
M. A. Hickey,	.75	
Joseph S. Lewis, Jr.,	20.99	
S. C. Lowe,	.20	
John J. Meaney,	21.09	
T. J. Moriarty,	1.78	
John V. O'Neil,	4.48	
E. H. Pierce,	2.20	
A. A. Sanborn,	1.00	
M. L. Sylvia,	8.10	
James H. Warren,	105.00	172.49

## Cannonville:—

George E. Borden,	29.69	
Greene & Wood,	14.90	
James L. Sherman,	.96	45.55

## Cedar Street:—

George E. Hatch,	35.64	
Kern & Wright,	3.15	
Mrs. B. F. Lewis,	14.75	

Joseph S. Lewis, Jr.,	40.18	
P. R. Swift,	13.36	
Nathan Wheaton,	16.47	123.55

## Cedar Grove Street:—

Peter Black,	7.55	
C. L. Dunham,	104.93	
John H. Ennis,	38.95	
F. Hamel,	3.83	
Highways and streets,	12.54	
C. E. Lawrence,	7.75	
S. C. Lowe,	8.80	
E. F. Morton,	28.45	
J. H. Pollock,	192.20	
Frank B. Sistare,	14.20	
Joseph W. Spooner,	4.50	
William T. Taylor,	20.00	
Louis Therrien,	14.44	
William R. West,	18.23	476.37

## Clark Street:—

C. L. Dunham,	3.53	
Highways and streets,	8.60	
James H. Mahoney,	6.30	
N. B. Boiler & Machine Co.,	.87	
Joseph W. Spooner,	4.50	
John B. Sullivan,	29.88	
Louis Therrien,	107.91	
William R. West,	3.75	165.34

## Dartmouth Street;—

William H. Caswell,	2.00	
T. W. Chace & Co.,	17.02	
Thomas W. Croacher,	8.42	
M. S. Greene,	6.44	
Highways and streets,	4.26	
John J. Meaney,	2.75	
T. J. Moriarty,	6.14	
N. B. Foundry & Machine Co.,	8.05	
John V. O'Neil,	86.06	
Jerome J. Pedro,	11.90	
Julius C. Sylvia,	1.00	
M. L. Sylvia,	.85	
James H. Warren,	10.00	164.89

## Dunbar :—

P. Black,	4.96	
Highways and streets,	1.30	
Jenney & Buffington,	4.41	
Kern & Wright,	17.20	
E. F. Penney,	4.18	
R. A. Sherman,	86.84	
J. W. Welch,	37.41	156.30

## Fifth Street :—

D. H. Cook,	153.95	
Fournier & Nicholson,	14.00	
George E. Hatch,	9.15	
D. L. Hathaway & Son,	439.98	
Mrs. B. F. Lewis,	30.80	
E. F. Penney,	5.21	653.09

## Harrington :—

D. L. Hathaway & Son,	199.53	
William Lowe,	10.25	
John B. Sullivan,	168.30	
Wood, Brightman & Co.,	16.35	394.43

## High :—

E. M. Ashley,	6.00	
F. T. Akin & Co.,	44.23	
R. Beetle,	116.80	
T. W. Chace & Co.,	29.48	
DeWolf & Vincent,	18.50	
R. T. Durfee,	28.21	
George L. Howland,	34.53	
Mrs. B. F. Lewis,	8.16	
L. Lloyd,	10.00	
N. B. Boiler & Machine Co.,	45.71	
N. B. Rubber Co.,	8.00	
Charles S. Paisler,	.60	
William Peirce,	7.00	
Wood, Brightman & Co.,	6.39	363.61

## Howland :—

P. Black,	3.62	
T. W. Chace & Co.,	172.74	
Kern & Wright,	9.70	
R. A. Sherman,	10.95	
W. F. Sturtevant,	22.84	219.85

## Linden Street:—

C. L. Dunham,	3.60	
Highways and street,	4.51	
R. A. Sherman,	19.17	
Louis Therrien,	8.60	
William J. Tilton,	6.90	
William R. West,	6.30	49.08

## Madison Street:

T. W. Chace & Co.,	6.08	
Elmer E. Jenkins,	1.35	
Kern & Wright,	26.85	
B. C. Magnett,	12.00	
N. B. Boiler & Machine Co.,	6.02	
A. P. Pope,	24.41	
W. F. Sturtevant,	6.65	83.36

## Maxfield Street:—

William J. Cochrane,	4.62	
George E. Hatch,	31.84	
D. L. Hathaway & Son,	33.20	
Kern & Wright,	2.43	
C. E. Phillips,	1.00	73.09

## Merrimac Street:—

C. L. Dunham,	26.25	
A. W. Perkins & Co.,	4.25	
A. P. Pope,	2.80	
Charles Thompson,	.85	
William R. West,	20.86	55.01

## Middle Street:—

E. M. Ashley,	1.60	
M. C. Ashley,	7.65	
William S. Brown,	12.50	
Coggeshall, Maxfield & Co.,	31.37	
James B. Hazzard,	1.24	
Highways and streets,	71.08	
George L. Howland,	71.36	
Kern & Wright,	5.53	
Joseph S. Lewis, Jr.,	24.04	
Packard Hardware Co.,	1.00	
A. P. Pope,	46.14	273.51

## North:—

M. C. Ashley,	16.71	
C. F. Chase,	16.87	
Highways and streets,	1.89	
F. P. Washburn,	2.25	
A. T. White,	18.90	56.62

## Parker Street:—

Blossom Brothers,	2.20	
George A. Bosworth,	.70	
D. H. Cook,	252.40	
George E. Hatch,	32.20	
D. L. Hathaway & Son,	277.17	
Mrs. B. F. Lewis,	30.73	
Joseph S. Lewis, Jr.,	53.38	
S. S. Wilbur,	13.00	661.78

## Phillips Avenue:—

F. A. Bonneau,	1.00	
M. E. Daley,	10.15	
C. L. Dunham,	49.50	
Fournier & Nicholson,	182.77	
Joseph S. Lewis, Jr.,	4.23	
John B. Sullivan,	13.05	
E. & K. C. Terry,	.89	
William R. West,	11.20	272.79

## Plainville:—

D. H. Cook,	66.35	
D. L. Hathaway & Son,	112.68	
Martin H. Sullivan,	7.70	186.73

## Rockdale:—

Brownell & Co.,	20.40	
C. F. Chase,	115.80	
George W. Dexter,	32.10	168.30

## School Committee Rooms:—

T. W. Chace & Co.,	1.35	
Coggeshall, Maxfield & Co.,	.40	
George K. Dammon,	2.00	
T. J. Gifford & Co.,	16.65	
Highways and streets,	104.80	
John V. O'Neil,	108.65	
R. A. Sherman,	125.24	
Wilson & Wordell,	1.25	360.34



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Taylor:—

George E. Borden & Co.,	33.66	
T. W. Chace & Co.,	1.00	
Hillman, Washburn & Co.,	8.00	
Herman Karcher,	8.25	
N. B. Boiler & Machine Co.,	4.60	
James L. Sherman,	13.32	
R. A. Sherman,	6.10	74.93

Thompson Street:—

Charles E. Allen,	2.00	
M. A. Hickey,	67.73	
John Marland,	17.00	
John J. Meaney,	61.16	
T. J. Moriarty,	17.19	
John V. O'Neil,	42.81	
James H. Warren,	70.00	277.89

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\$5,970.29

Transfer to balance,

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629.71

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\$6,600.00

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CR.

By appropriation,

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\$6,600.00

## PUBLIC SCHOOLS—DOG FUND.

## DR.

## School census:—

Gilbert B. Borden,	\$40.00	
Laura F. Howland,	40.00	
Walter R. Myrick,	50.00	
Henry T. Phillips,	85.00	
Edward T. Sherman,	75.00	
Robert W. Taber,	4.50	
Albert P. White,	55.00	\$349.50

## Flags:—

Almy & Hitch,	.50	
T. M. Hart & Co.,	76.52	
G. W. Hillman,	20.50	
James Slater,	11.25	108.77

## Miscellaneous:—

Charles E. Benton, desks,	120.00	
George A. Eggers, gun repairs,	39.05	
William E. Hatch, cash for disbursements,	175.00	334.05

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 \$792.32

December 4, 1899. To balance,

463.14

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 • \$1,255.46
 

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## CR.

Receipts as per Treasurer's report,

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 \$1,255.46
 

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1900.

## AUDITOR'S REPORT.

125

## PUBLIC SCHOOLS—KINDERGARTENS.

## DR.

Pay rolls:—

## NORTH SCHOOL.

Irene M. Bassett,	\$138.06	
Florence L. Davis,	302.15	
Susan F. Haskins,	1.60	
Anna Hill,	550.00	\$991.81

## SOUTH SCHOOL.

Josephine H. Cobb,	432.99	
Ethel S. Gibbs,	432.99	865.98

## WEST SCHOOL.

Ada S. Blake,	396.62	
Susan F. Haskins,	35.20	
Wilhelmina Humbert,	550.00	981.82

Miscellaneous:—

E. Anthony & Sons, paper,	.87	
E. Boden, Jr., piano rent,	40.00	
J. L. Hammett & Co., supplies,	40.69	
Hillman, Washburn & Co., locks,	.55	
Ladies' City Mission, rent,	400.00	
R. W. Taber, supplies,	11.05	493.16

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\$3,332.77

December 4, 1899. To balance,

68.30

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\$3,401.07

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## CR.

December 5, 1898. By balance,

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\$3,401.07

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## CR.

December 4, 1899. By balance,

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\$68.30

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## DEPARTMENT OF WHARVES.

## DR.

Wm. H. Caswell, painting and glazing,	\$191.52	
Commissioners of Sinking Funds,	1,040.00	
Moses Denault, stone,	36.23	
DeWolf & Vincent, spikes,	3.35	
Joseph Donaghy, wharfinger,	321.62	
Greene & Wood, lumber and carting,	101.70	
Highways and streets, stock, labor and teaming,	38.33	
Landers & Vance, labor and material,	408.35	
George Nelson, labor and material,	108.39	
N. B. Cordage Co., rope,	7.20	
N. B. Water Works, metered water,	39.89	
“ “ “ labor and material,	153.37	
N. B. Tow Boat Co., breaking ice,	5.00	
S. F. Perry & Son, carriage hire,	1.00	
Public Debt, interest,	2,080.00	
James Sheehy, labor,	1.80	
John B. Sherman, labor, sawing and carting,	83.17	
Patrick Taffe, labor,	4.40	
Henry F. West, services,	7.00	\$4,632.32
December 4, 1899. To balance,		1,745.81
		<u>\$6,378.13</u>

## CR.

December 5, 1898. By balance,	\$2,473.44	
Receipts as per Treasurer's report,	3,904.69	\$6,378.13

## CR.

December 4, 1899. By balance,	\$1,745.81
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## SALARIES.

## DR.

Charles S. Ashley, Mayor,	\$2,000.00
James H. Hathaway, City Treasurer and Collector of Taxes,	3,000.00
Daniel B. Leonard, City Clerk,	2,600.00
William S. Cook, Assistant City Clerk,	100.00
Charles J. McGurk, City Auditor,	1,600.00
Benjamin B. Barney, City Solicitor,	1,500.00
William E. Brownell, City Physician,	259.41
Augustus D. Piper, City Messenger,	800.00
John N. O'Brien, Sealer Weights and Measures,	600.00
William A. Mackie, Clerk Common Council,	300.00
William B. Wood, Supt. City Clock,	75.00
Charles H. Cragen, Harbor Master,	300.00
Edmund O'Keefe, Inspector Buildings,	1,800.00
Daniel D. Briggs, Supervisor Wires,	300.00
Daniel C. Ashley, Inspector Cattle, Meat, Milk and Provisions,	1,000.00
Board of Assessors :—	
Charles H. L. Delano,	1,400.00
Charles F. Shaw,	1,100.00
Thomas F. Healy,	1,008.34
Charles D. Tuell,	91.66
Board of Aldermen :—	
Henry P. Jenney,	100.00
Louis Z. Normandin,	100.00
Charles H. Brownell,	100.00
Charles H. Lawton,	100.00
George H. Hedge,	91.67
Charles E. Ellis,	100.00
Manuel V. Sylvia,	8.33
Board of Health :—	
John T. Bullard,	500.00
William G. Kirschbaum,	500.00
Manuel V. Sylvia,	384.72
Thomas W. Cook,	115.28
Board of Registrars :—	
Willard N. Lane,	380.65
John A. Gomley,	365.00
Emanuel Sullavou,	365.00
Daniel B. Leonard,	300.00

## City Bell Ringers :—

Othello S. Driskell,	89.33
Lewis S. Moore,	6.44
Cornelius A. Webb,	29.23

## License Commission :—

Frank M. Sparrow,	300.00	
Stephen D. Peirce,	300.00	
John J. Howland,	247.50	
John O'Neil,	52.50	\$24,370.06

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## CR.

By appropriation,	\$24,300.00	
By transfer to balance,	70.06	\$24,370.06

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## SEWERS—GENERAL ACCOUNT.

## DR.

Pay rolls,		\$10,916.94
Sewer rebates:		
Honorez Bergeron,	\$36.13	
Susie H. Gammons,	19.19	
Thomas Greenwood estate,	10.00	
J. E. Herman heirs,	26.60	
Ernest A. Jennings,	14.08	
Burgess T. King,	12.50	
Andre Lessard,	50.00	
Bessie P. Peirce,	14.50	
Cleophas Quintin,	36.13	
William H. Tillinghast,	15.17	
Mrs. Henry T. Weeks,	15.17	249.47
Brick, cement and pipe:—		
N. B. Water Works,	23.43	
J. E. Normandin,	99.24	
S. S. Paine & Bro.,	1,312.82	
Charles S. Paisler,	530.12	1,965.61
Hardware and tools,		
DeWolf & Vincent,	19.10	
S. C. Lowe,	25.00	44.10
Miscellaneous:—		
F. S. Brightman Co., book cover,	.75	
C. Callahan Co., hose,	190.00	
J. W. Clifton, repairs,	.50	
Cooper Co., hose menders,	1.00	
Driscoll, Church & Hall, lantern globes,	19.50	
Fairhaven Iron Foundry Co., castings,	297.90	
Fichtenmayer & Flynn, blacksmithing,	1.30	
Charles A. Gray, Jr., explosives,	84.77	
James B. Hamlin, plank,	45.48	
Hartford Boiler Insurance Co., insurance,	136.14	
Hatch & Co., express,	.25	
George E. Hatch, repairs,	.25	
William G. Hayden, plumbing,	.85	
Highways and streets, blacksmithing,	479.86	
" " " stock, labor and teaming,	2,993.06	
N. B. Cordage Co., cordage,	3.15	
N. B. Rubber Co., hose,	22.50	

N. B. Water Works, flushing drains,	79.50	
George P. Richardson, brush,	12.00	
P. Russell, Jr., plank,	100.00	
C. R. Sherman & Son, repairs,	.75	
Herbert L. Weeks, plumbing,	2.13	
Wood, Brightman & Co., expansion rings,	7.88	4,479.52
		<u>\$17,655.64</u>
Transfer to balance,		1,410.01
		<u>\$19,065.65</u>

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 CR.

By appropriation,	\$12,000.00	
Receipts as per Treasurer's reports,	7,065.65	\$19,065.65

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 SEWER, BROOK STREET, FROM SAWYER  
STREET, NORTH.

## DR.

General sewers, labor and supplies,	\$1,170.49	
Highways and streets, blacksmithing,	116.49	
“ “ “ stock, labor and teaming,	41.82	
P. P. Jenney & Son, filing saw,	.25	\$1,329.05
Transfer to balance,		20.95
		<u>\$1,350.00</u>

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## CR.

By special appropriation,	\$1,200.00	
By transfer from sewer, Dudley street,	150.00	\$1,350.00

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1900.

## AUDITOR'S REPORT.

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## SEWER, CHANCERY STREET, BETWEEN PARKER AND WILLIS STREETS, No. 7.

## DR.

Pay rolls:		\$281.07
General sewers, supplies,	\$82.70	
Highways and streets, stock, labor and teaming,	11.93	
“ “ “ blacksmithing,	16.90	111.53
		<u>\$392.60</u>

## CR.

By special appropriations,	<u>\$392.60</u>
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## SEWER, COLLETTE AND FRONT STREETS, FROM ACUSHNET AVE. TO DAVIS ST.

## DR.

Pay rolls:		\$591.42
General sewers, supplies,	\$170.12	
Highways and streets, blacksmithing,	18.95	
“ “ “ stock, labor and teaming,	32.40	221.47
		<u>\$812.89</u>
Transfer to balance,		187.11
		<u>\$1,000.00</u>

## CR.

By special appropriation,	<u>\$1,000.00</u>
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SEWER, COUNTY STREET, BETWEEN POPE  
AND FRANKLIN STREETS, No. 19.

## DR.

Pay roll:		\$92.00
General sewers, supplies,	\$39.89	
Highways and streets, stock, labor and teaming,	7.26	47.15
		<u>\$139.15</u>
Transfer to balance,		10.85
		<u>\$150.00</u>

## CR.

By special appropriation,	\$150.00
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SEWER, DUDLEY STREET, FROM BROCK AVE-  
NUE TO CLARK'S COVE.

## DR.

Pay rolls:		\$878.81
General sewers, supplies,	\$248.39	
Highways and streets, blacksmithing,	6.90	
“ “ “ stock, labor and teaming,	49.99	305.28
		<u>\$1,184.09</u>
Transfer to sewer, Brook street,		150.00
“ “ “ Valentine street,		100.00
“ “ balance,		65.91
		<u>\$1,500.00</u>

## CR.

By special appropriation,	\$1,500.00
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SEWER, HOLLY STREET, BETWEEN ACUSH-  
NET AVENUE AND BELLEVILLE AVENUE.

## DR.

Pay rolls:		\$880.55
General sewers, supplies,	\$289.74	
Chas. A. Gray, Jr., explosives,	23.37	
Highways and streets, blacksmithing,	17.14	
“ “ “ stock, labor and teaming,	49.90	380.15
		<hr/>
		\$1,260.70
Transfer to “land damages, Acushnet avenue, No. 2,”		700.00
“ “ “land damages, Purchase street, No. 5,”		500.00
“ “ balance,		39.30
		<hr/>
		\$2,500.00
		<hr/>

## CR.

By special appropriation,	<hr/>	\$2,500.00
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SEWER, LOCUST STREET TO COUNTY AND  
FRANKLIN STREETS, No. 6.

## DR.

Pay rolls,		\$227.94
General sewers, supplies,	\$77.95	
Highways and streets, blacksmithing,	13.97	
“ “ “ stock, labor and teaming,	11.67	163.59
		<hr/>
		\$331.53
Transfer to balance,		68.47
		<hr/>
		\$400.00
		<hr/>

## CR.

By special appropriation,	<hr/>	\$400.00
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SEWER, ORCHARD STREET, BETWEEN  
RIVET AND THOMPSON STREETS, No. 8.

## DR.

Pay rolls,		\$225.72
General sewers, supplies,	\$80.37	
Highways and streets, blacksmithing,	18.85	
“ “ “ stock, labor and teaming,	15.72	114.94
		<hr/>
		\$340.66
Transfer to balance,		159.34
		<hr/>
		\$500.00
		<hr/>

## CR.

By special appropriation,	\$500.00
	<hr/>

SEWER, PARKER STREET FROM PARK  
STREET, WESTERLY.

## DR.

Pay rolls,		\$121.90
General sewers, supplies,	\$75.22	
Highways and streets, stock, labor and teaming,	9.37	84.59
		<hr/>
		\$206.49
Transfer to balance,		293.51
		<hr/>
		\$500.00
		<hr/>

## CR.

By special appropriation,	\$500.00
	<hr/>



1900.

## AUDITOR'S REPORT.

135

SEWER, SIXTH STREET, BETWEEN WILLIAM  
AND ELM STREETS.

## DR.

Pay rolls,		\$53.86
General sewers, supplies,	\$35.57	
Highways and streets, stock, labor and teaming,	7.22	
S. C. Lowe, plumbing,	.85	43.64
		<hr/>
		\$97.50
Transfer to balance,		102.50
		<hr/>
		\$200.00
		<hr/>

## CR.

By special appropriation,	\$200.00
	<hr/>

SEWER, SUMMER STREET, FROM POPE  
STREET TO PARKER STREET.

## DR.

Pay rolls,		\$76.22
General sewers, supplies,	\$39.00	
Highways and streets, blacksmithing,	9.44	
“ “ “ stock, labor and teaming,	10.18	58.62
		<hr/>
		\$134.84
Transfer to balance,		15.16
		<hr/>
		\$150.00
		<hr/>

## CR.

By special appropriation,	\$150.00
	<hr/>

SEWER, VALENTINE STREET, FROM BROCK  
AVENUE, WEST.

## DR.

Pay rolls,		\$234.56
General sewers, supplies,	\$77.63	
Highways and streets, blacksmithing,	7.37	
“ “ “ stock, labor and teaming,	11.99	96.99
		<hr/>
		\$331.55
Transfer to balance,		68.45
		<hr/>
		\$400.00

## CR.

By special appropriation,	\$300.00	
Transfer from sewer, Dudley street,	100.00	\$400.00

SEWER, WILLIS STREET, FROM CHANCERY  
STREET, EASTERLY, No. 5.

## DR.

Pay roll,		\$62.60
General sewers, supplies,	\$43.90	
Highways and streets, blacksmithing,	1.25	
“ “ “ stock, labor and teaming,	3.70	48.85
		<hr/>
		\$111.45
Transfer to balance,		88.55
		<hr/>
		\$200.00

## CR.

By special appropriation,	\$200.00
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## CLAIMS.

## DR.

Joseph P. Kennedy, damages,	\$340.98
Transfer to balance,	8.00
	<hr/>
	\$348.98

## CR.

By special appropriation,	\$348.98
	<hr/>

## DREDGING DOCKS.

## CR.

By special appropriation,	\$2,590.00
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PLANS AND SPECIFICATIONS FOR SCHOOL  
BUILDING, COGGESHALL STREET, AND FOR  
FIRE ENGINE HOUSE, KEMPTON AND REED  
STREETS.

## DR.

Samuel C. Hunt,	\$2,152.42	
Transfer to balance,	.01	\$2,152.43
	<hr/>	

## CR.

By special appropriation,	\$2,152.43
	<hr/>

# PLANS AND SPECIFICATIONS FOR A NEW CITY HOSPITAL.

## DR.

Samuel C. Hunt,	\$3,274.25
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## CR.

By transfer from unappropriated funds,	\$3,274.25
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# PINGREE PLAN FOR THE BENEFIT OF THE POOR AND UNEMPLOYED.

## DR.

### Ploughing and harrowing:—

Isaac H. Manchester,	\$15.00	
A. W. Perkins & Co.,	74.25	\$89.25

### Fertilizer:—

John Notter,	27.60	
Wilson & Wordell,	136.50	164.10

### Plants and seeds:—

C. H. & H. A. Lawton Co.,	58.79	
John Notter,	111.00	
Wilson & Wordell,	35.20	
F. H. Pasell,	2.40	207.39

### Miscellaneous:—

E. Anthony & Sons, advertising,	1.50	
Wm. F. Chase, Superintendent, salary,	500.00	
C. H. & H. A. Lawton Co., paris green,	.44	
N. B. Bulletin Co., advertising,	1.75	503.69

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\$964.43

Transfer to balance,

35.57

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\$1,000.00

## CR.

By appropriation,	\$1,000.00
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## PUBLIC DEBT.

## DR.

Principal (bonds) paid,	\$91,000.00	
Interest on bonds,	152,257.50	
Interest on trust funds,	7,504.39	\$250,761.89
Transfer to unappropriated funds,		2,871.34
December 4, 1899. To balance,		7,350.00
		<u>\$260,983.23</u>

## CR.

December 5, 1898. By balance,	\$5,030.00	
By appropriation,	159,176.89	
Receipts as per Treasurer's reports,	96,776.34	\$260,983.23

## CR.

December 4, 1899. By balance,	\$7,350.00
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## REAL ESTATE TAX ACCOUNT.

## DR.

December 5, 1898. To balance,	\$609.44	
Collector of Taxes,	2,052.26	\$2,661.70

## CR.

Receipts as per Treasurer's reports,	\$1,289.37	
December 4, 1899. To balance,	1,372.33	\$2,661.70

## DR.

December 4, 1899: To balance,	\$1,372.33
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## SINKING FUNDS.

## DR.

Commissioners of Sinking Funds,		<u>\$98,494.55</u>
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## CR.

By appropriation,		<u>\$98,494.55</u>
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## TEMPORARY LOAN.

## DR.

To loans paid,	\$775,000.00	
December 4, 1899. To balance,	180,000.00	<u>\$955,000.00</u>

## CR.

Receipts as per Treasurer's reports,	\$680,000.00	
December 5, 1898. By balance,	275,000.00	<u>\$955,000.00</u>

## CR.

December 4, 1899. By balance,		<u>\$180,000.00</u>
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## TRUST FUNDS.

## CR.

BY SYLVIA ANN HOWLAND FREE PUBLIC LIBRARY  
FUND:

One-half of the bequest of Sylvia Ann Howland  
for the support of liberal education and Free  
Public Library, \$50,000.00

## BY SYLVIA ANN HOWLAND EDUCATIONAL FUND:

One-half of the bequest of Sylvia Ann Howland  
for the support of liberal education and Free  
Public Library, 50,000.00

## BY GEORGE HOWLAND, JR., FUND:

Donation to Free Public Library, 1,600.00

## BY CHARLES W. MORGAN FUND:

Bequest to Free Public Library, 1,000.00

## BY OLIVER CROCKER FUND:

Bequest to Free Public Library, 1,000.00

## BY JAMES B. CONGDON FUND:

Donation to Free Public Library: 500.00

## BY JONATHAN BOURNE PRIZE FUND:

Donation to School Committee, 1,000.00

## BY GEORGE O. CROCKER FUND:

Bequest to Free Public Library, 10,000.00

## BY ELIZABETH T. WOOD:

Bequest to Free Public Library, 2,000.00

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\$117,100.00

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## UNAPPROPRIATED FUNDS.

## DR.

## To transfers to:—

Appropriations, general, 1894,	\$21,635.77	
“ special, 1898,	32,416.84	
Armories and military property,	877.35	
Board of Health,	513.25	
Com. of Mass., Chap. 447 of 1890,	3,046.22	
Court judgments,	764.75	
Elections,	563.03	
Engineering department,	60.39	
Highways and streets,	22,855.64	
Land damages, widening Acushnet avenue,		
No. 2,	175.00	
Incidentals,	12,072.07	
“ Memorial Day,	750.00	
“ Fourth of July,	700.00	
Coggeshall street bridge,	275.00	
N. B. and Fairhaven bridge,	125.00	
Park Commission,	6,736.21	
Printing, binding and stationery,	260.98	
Public schools, incidentals,	146.92	
“ “ pay of teachers,	58,416.00	
Salaries,	70.06	
City hospital, plans, &c.,	3,274.25	\$165,734.73

## CR.

By receipts as per Treasurer's report,	\$141,524.38	
Balance of transfers,	24,210.35	\$165,734.73

## BALANCE OF PUBLIC PROPERTY.

## DR.

To bonds issued,	\$171,000.00	
December 4, 1899. To balance,	332,290.43	\$503,290.43

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## CR.

December 5, 1898. By balance,	\$323,174.00	
Bonds paid,	91,000.00	
Public property,	2,946.93	
Sinking fund commissioners,	86,169.50	\$503,290.43

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## CR.

December 4, 1899. By balance,	\$332,290.43
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## PUBLIC PROPERTY.

(OTHER THAN WATER WORKS.)

## DR.

December 4, 1899. To balance,	\$2,131,163.07	
Increase in valuation over 1898,	2,946.93	\$2,134,110.00

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## NEW BEDFORD WATER WORKS.

(AS PUBLIC PROPERTY.)

## DR.

December 4, 1899. Valuation of works,	\$1,200,000.00	
Valuation of works for further supply,	1,256,046.00	\$2,456,046.00

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## SINKING FUND COMMISSIONERS.

## DR.

December 5, 1898. To balance,	\$650,010.93	
Increase since 1898,	86,169.50	\$736,180.43

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## BONDS.

## DR.

To bonds paid,	\$91,000.00	
December 4, 1899. To balance,	3,638,000.00	\$3,729,000.00

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## CR.

December 5, 1898. By balance,	\$3,558,000.00	
By bonds issued,	171,000.00	\$3,729,000.00

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## CR.

December 4, 1899. By balance,		\$3,638,000.00
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# BONDS OF THE CITY OF NEW BEDFORD.

## TITLES, RATES, AMOUNTS DUE ANNUALLY AND TOTALS.

Due.	Water 7s.	Water 6s.	Water 5s.	Water 4s.	Improve- ment 6s.	Improve- ment 4s.	Improve- ment 3½s.	Sch.house and other public buildings 4s.	Sch.house public buildings 3½s.	Sewers 4s	Sewers 3½s.	Park Loan 4s.	Wharf 4s.
1900	\$10,000		\$20,000		\$10,000	\$25,000							
1901	10,000		20,000		10,000	73,000							
1902	10,000		20,000		10,000	50,000							
1903	10,000		20,000		10,000	162,000							
1904	10,000		20,000		10,000	113,000							
1905	10,000	\$20,000			10,000								
1906	10,000	20,000			10,000								
1907	10,000	20,000			10,000	172,000							
1908	10,000	20,000			10,000		\$62,000			\$35,000	\$60,000		
1909	10,000	20,000			12,000		108,000			43,000	15,000		
1910					28,000					48,000			
1911										57,000			
1912										100,000			
1913										108,000			
1914										32,000			
1917								\$138,000	\$92,000				
1918				\$20,000				30,000					
1919													
1924				320,000									
1925										58,000			
1926				400,000									
1927				600,000						69,000	35,000		\$52,000
1928											33,000		
1929													
1942												\$100,000	
	\$100,000	\$100,000	\$100,000	\$1,340,000	\$130,000	\$595,000	\$170,000	\$128,000	\$122,000	\$550,000	\$143,000	\$100,000	\$52,000

### Overdue bonds unrepresented:

1894.	Improvement 6s,	\$1,000.00
1898.	Water 6s,	1,000.00
1898.	Improvement 6s,	5,000.00
1899.	Improvement 6s,	1,000.00
		\$8,000.00

Total Bonded Debt, including overdue bonds, \$3,638,000.00.

INTEREST PAYABLE IN 1900 ON THE PRESENT  
BONDED DEBT.

\$100,000 Water bonds, at 7 per cent.,	\$7,000
100,000 Water bonds, at 6 per cent.,	6,000
100,000 Water bonds, at 5 per cent.,	5,000
1,340,000 Water bonds, at 4 per cent.,	53,600
130,000 Improvement bonds, at 6 per cent.,	7,800
25,000 Improvement bonds, at 4 per cent., 6 mos.,	500
570,000 Improvement bonds, at 4 per cent.,	22,800
170,000 Improvement bonds, at $3\frac{1}{2}$ per cent.,	5,950
128,000 Schoolhouse bonds, at 4 per cent.,	5,120
122,000 Schoolhouse bonds, at $3\frac{1}{2}$ per cent.,	4,270
550,000 Sewer bonds, at 4 per cent.,	22,000
143,000 Sewer bonds, at $3\frac{1}{2}$ per cent.,	5,005
100,000 Park bonds, at 4 per cent.,	4,000
52,000 Wharf bonds, at 4 per cent.,	2,080
<hr/>	<hr/>
\$3,630,000	\$151,125



THE FOLLOWING TABLE SHOWS THE AMOUNT OF TAXES LEVIED IN THIS CITY SINCE 1880, AND  
THE RATE PER THOUSAND, FOR STATE, COUNTY AND CITY PURPOSES;  
ALSO THE NUMBER OF POLLS.

Year.	Valuation of Real Estate.	Valuation of Personal Property.	State Tax.	County Tax.	City Tax.	Overlay.	No. of Polls.	Rate of Tax
1880	\$13,138,400	\$13,137,519.00	\$21,870	\$28,377.63	\$361,250	\$15,080.89	7,028	\$15.70
1881	13,505,400	13,699,922.00	21,870	26,871.30	437,300	16,084.49	7,025	18.00
1882	14,138,300	13,974,587.00	29,160	25,689.88	434,200	17,605.64	7,340	17.50
1883	15,109,300	15,180,305.00	25,770	29,468.95	452,400	16,614.41	7,694	16.80
1884	15,635,900	15,718,182.00	34,360	26,668.72	462,700	13,031.04	8,141	16.60
1885	16,293,800	15,104,090.00	27,770	27,735.50	457,950	17,028.11	8,349	16.30
1886	16,778,900	15,416,695.50	27,015	33,883.77	456,300	15,328.18	8,699	16.00
1887	17,372,600	15,309,658.00	40,522½	38,485.28	489,700	18,075.50	9,056	17.40
1888	18,023,700	15,430,647.00	40,522½	41,274.10	486,411	19,364.29	9,424	17.00
1889	18,928,800	15,718,866.00	34,700	51,476.17	508,600	17,642.91	9,972	17.10
1890	20,041,700	16,829,154.00	30,362½	50,632.30	519,300	22,120.12	10,710	16.30
1891	20,959,300	17,559,643.00	26,025	47,819.40	550,200	26,134.37	11,160	16.30
1892	22,094,300	18,179,813.00	31,377	51,410.26	606,700	27,976.39	11,861	17.30
1893	25,344,300	19,130,798.00	44,825	57,699.11	673,689	28,077.05	12,988	17.50
1894	31,835,500	19,599,425.00	35,860	67,796.46	699,176	25,711.57	13,080	15.60
1895	31,984,150	20,658,600.00	30,915	78,760.33	698,545	31,077.76	14,300	15.40
1896	33,920,700	22,360,417.00	36,067½	85,061.14	745,800	30,750.56	15,475	15.40
1897	35,595,800	22,575,978.00	36,067½	63,008.25	840,239	34,002.38	15,467	16.20
1898	35,871,325	21,480,601.00	31,905	115,007.51	943,251	41,693.30	15,348	19.20
1899	35,558,755	20,548,663.00	31,905	95,839.60	939,635	40,378.38	15,248	19.20

Average tax rate for twenty years, \$16.84.

CITY OF NEW BEDFORD,  
IN COMMITTEE, March 8, 1900.

The sub-committee appointed to appraise the city property and prepare a schedule of the same, respectfully report as follows:—

Poor Department:

Almshouse, outbuilding and 12,407 rods of land,	\$98,035.00	
Furniture and fixtures in almshouse,	2,230.00	
Farming and mechanics tools,	39.00	
Tedders, horse rakes, spreaders, &c.,	237.00	
Carts, gears, lumber wagons, &c.,	570.00	
Ambulance,	65.00	
Horses, cows, oxen, hogs and poultry,	1,990.00	
Hay, grain, pork, vegetables, &c.,	1,620.00	
Wood and coal shed, corner North and Second streets,	3,000.00	
Wood and coal in shed,	75.00	\$107,861.00

Board of Health:

Small pox hospital,	\$1,000.00	
Old almshouse and out buildings,	1,500.00	
Furniture in almshouse and hospital,	70.00	2,570.00

Street Department:

Sundries as per inventory,	38,345.00	38,345.00
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Sewer Department:

Sundries as per inventory,	15,332.00	15,332.00
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Street Light Department:

Gas and naphtha lamp posts,	5,500.00	5,500.00
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Engineering Department:

Sundries as per inventory,	2,200.00	2,200.00
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Public buildings, land, etc.:

City Hall and lot,	\$141,466.00	
Public Library and lot,	131,839.00	
City Common,	85,000.00	
Oak Grove cemetery,	40,830.00	
Pine Grove cemetery,	800.00	
Rural cemetery,	132,517.00	
Receiving Tomb, Rural cemetery,	5,267.00	
Old Burying Ground, Second street,	9,586.00	

Police Station, Second street,	15,700.00	
“ “ Kempton “	22,603.00	
“ “ Willis “	3,043.00	
“ “ Blackmer “	13,504.00	
“ “ Weld, “	12,158.00	
“ Signal'stable and lot,	4,368.00	
“ Signal'system,	9,550.00	
Volumes in Public Library,	57,000.00	
South pound lot,	800.00	
Ward room and lot, Fourth street,	1,400.00	
“ “ “ “ Rivet street,	2,350.00	
Standard weights and measures,	500.00	
Two brass field pieces,	1,300.00	
City stables and lot,	45,400.00	
Brooklawn park,	31,450.00	
Buttonwood park,	32,655.00	
Grove park,	8,826.00	
Triangle park,	600.00	
Lot and building, High and Foster streets,	2,000.00	
Rifle range, Tarkiln Hill,	2,000.00	
Gravel lot, Hillman and Lindsey streets,	6,764.00	
Lot Rockdale avenue and Kempton street,	113.00	
Lot Kempton and Reed streets,	2,257.00	
Lot foot of Howland street,	4,500.00	
Bath houses, East French avenue,	1,600.00	
Old building, West Mill street,	100.00	
Schoolhouse lot, Coggeshall street,	12,610.00	
“ “ Maitland street,	2,956.00	845,412.00

## School Department :

Acushnet schoolhouse and lot,	\$7,500.00
Acushnet ave. “ “ “	49,966.00
Brock ave. “ “ “	44,977.00
Cannonville, “ “ “	1,665.00
Cedar st. “ “ “	7,063.00
Cedar Grove st. “ “ “	35,932.00
Clark st. “ “ “	37,847.00
Dartmouth st. “ “ “	17,106.00
Division st. “ “ “	33,875.00
Dunbar st. “ “ “	45,037.00
Fifth st. “ “ “	35,898.00
Harrington “ “ “	55,000.00
High “ “ “	113,388.00
Kempton st. “ “ “	65,100.00
Linden st. “ “ “	2,684.00

Madison st. schoolhouse and lot,	60,089.00	
Maxfield st.       "       "       "	25,068.00	
Merrimac st.       "       "       "	18,113.00	
Middle st.       "       "       "	35,035.00	
North       "       "       "	2,000.00	
Parker st.       "       "       "	50,226.00	
Phillips ave.       "       "       "	47,561.00	
Plainville,       "       "       "	1,000.00	
Rockdale       "       "       "	1,254.00	
Thompson st.       "       "       "	37,800.00	
Truant       "       "       "	1,500.00	
School Committee building and lot,	5,191.00	837,875.00

## Fire department:—

No. 1 Engine house and lot, Purchase street,	\$13,590.00	
No. 2       "       "       "       "       "       "	21,220.00	
No. 4       "       "       "       "       Bedford       "	16,009.00	
No. 5       "       "       "       "       Hillman       "	33,570.00	
No. 6       "       "       "       "       Fourth       "	13,000.00	
No. 7       "       "       "       "       Durfee       "	16,966.00	
No. 8       "       "       "       "       Acushnet ave.,	26,410.00	
No. 9       "       "       "       "       "       "	1,200.00	
Steam fire engine, No. 1,	3,000.00	
"       "       "       No. 2,	3,000.00	
"       "       "       No. 4,	3,000.00	
"       "       "       No. 5,	3,500.00	
"       "       "       No. 6,	3,000.00	
"       "       "       No. 7,	3,300.00	
"       "       "       No. 8,	3,500.00	
"       "       "       Spare,	3,500.00	
Chemical wagon,	1,750.00	
Nine hose carriages,	3,800.00	
Hand engine, No. 9,	500.00	
Hook and ladder truck, No. 1,	3,200.00	
"       "       "       "       No. 2,	3,000.00	
"       "       "       "       No. 3,	3,000.00	
"       "       "       "       old,	500.00	
Eighteen thousand feet of hose,	9,000.00	
Ten wagons,	3,000.00	
Forty-five horses and harnesses,	9,000.00	
Fire alarm telegraph, including bells,		
strikers, etc.,	20,000.00	
Sundries,	2,500.00	227,015.00

1900.

## AUDITOR'S REPORT.

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## Department of Wharves :—

Rotch's wharf,	22,000.00	
Taber's wharf,	30,000.00	52,000.00

New Bedford Water Works, value of works for further water supply, unfinished,	1,256,046.00	
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 \$3,390,156.00

New Bedford Water Works,	1,200,000.00	
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 \$4,590,156.00

## RECAPITULATION.

Poor department,	\$107,861.00	
Board of Health,	2,570.00	
Street department,	38,345.00	
Sewer department,	15,332.00	
Street light department,	5,500.00	
Engineering department,	2,200.00	
Public buildings, land, etc.,	845,412.00	
School department,	837,875.00	
Fire department,	227,015.00	
Department of wharves,	52,000.00	
New Bedford Water Works, further water supply,	1,256,046.00	
New Bedford Water Works,	1,200,000.00	
	<hr/>	\$4,590,156.00

CHARLES M. DAVENPORT,

ROBERT COOKE,

ERNEST FINDEISEN,

Committee.

## AUDITOR'S TRIAL BALANCE.

DECEMBER 4, 1899.

## DR.

Public property as per schedule,	\$4,590,156.00	
Sinking Fund Commissioners,	736,180.43	
Appropriations, general, 1899,	46,876.95	
“ “ 1898,	30,059.20	
“ “ 1897,	16,704.35	
“ “ 1896,	25,053.22	
“ “ 1895,	17,104.98	
“ special, 1898,	29,067.54	
“ “ 1899,	105,377.41	
Com. of Mass., chapter 164 of 1897,	126.75	
“ “ 279 of 1894,	1,599.61	
“ “ 301 of 1894,	9,798.53	
“ “ 561 of 1898,	144.00	
Real estate, tax account,	1,372.33	
City Treasurer, balance of cash,	37,317.67	\$5,646,938.97

## CR.

Trust funds,	\$117,100.00
Bonds,	3,638,000.00
Balance of public property,	332,290.43
Cemeteries, sale of lots,	563.46
Cemetery funds,	26,734.93
Harrington school, repairs, etc.,	1,905.66
Free Public Library, dog fund,	952.99
Free Public Library Trustees:—	
James B. Congdon fund,	67.66
George O. Crocker fund,	240.72
Oliver Crocker fund,	39.06
George Howland, Jr., fund,	167.68
Sylvia Ann Howland fund,	732.93
Charles W. Morgan fund,	46.24
Charles L. Wood fund,	48.18
Reading Room fund,	941.55
Land damages. Kempton street, No. 2,	5,028.38
“ “ Purchase street, No. 5,	253.70



N. B. School Committee, Howland fund,	892.70	
N. B. Water Works,	12,836.92	
“ “ “ further water supply,	59,832.53	
Public schools, dog fund,	463.14	
“ “ kindergartens,	68.30	
Department of wharves,	1,745.81	
Dredging docks,	2,590.00	
Public debt,	7,350.00	
Temporary loan,	180,000.00	
N. B. Water Works, further water supply,		
value of works, balance public property,	1,256,046.00	\$5,646,938.97

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We have examined the foregoing and find it correct.

CHAS. H. LAWTON,  
WM. E. SMITH,  
SAMUEL HIGHAM.

Sub-committee of the Committee on Finance, appointed  
to examine the books and accounts of the Treas-  
urer and Auditor.

Approved :

HENRY P. JENNEY,  
CHAS. H. BROWNELL,  
WM. E. SMITH,  
SAMUEL HIGHAM,  
EDW. F. PENNEY,  
Committee on Audit.

CITY OF NEW BEDFORD,

IN BOARD OF ALDERMEN,

March 20, 1900.

Received, ordered printed in the City Documents, and  
sent down for concurrence.

WM. S. COOK, Asst. City Clerk.

IN COMMON COUNCIL,

3 mo., 20, 1900.

Concurred.

WM. A. MACKIE, Clerk.

Annual Report

OF THE

Collector of Taxes

For the Year 1899.



# STATEMENT

## OF THE

### COLLECTOR OF TAXES.

CITY OF NEW BEDFORD, MASS.,

COLLECTOR'S OFFICE.

December 4, 1899.

*To the City Council of the City of New Bedford,*

GENTLEMEN:—Herewith I present to you my account as Collector of Taxes for the City of New Bedford for the year ending at this date.

STATEMENT FROM 1895 TO 1898 INCLUSIVE.

YEAR.	UNPAID DEC. 5, 1898.	PAID AND REMITTED	UNPAID DEC. 4, 1899.
1895	\$14,262.04	\$92.38	\$14,169.66
1896	19,056.72	493.67	18,563.05
1897	33,416.42	14,949.33	18,467.09
1898	72,789.74	43,830.34	28,959.40
	\$139,524.92	\$59,365.72	\$80,159.20

## TAXES FOR 1899.

## CHARGES.

State tax,	\$31,905.00	
County tax,	95,839.60	
City appropriations,	939,635.44	
Overlay,	40,378.39	\$1,107,758.43

## PAYMENTS.

State Treasurer, State tax,	\$31,905.00	
County Treasurer, County tax,	95,839.60	
City Treasurer, City appropriations,	862,758.49	
Abatements by the Assessors, net,	8,517.66	
Discount, 5 per cent.,	51,523.20	
Balance, unpaid Dec. 4, 1899,	57,214.48	<u>\$1,107,758.43</u>

At this date  $5\frac{16}{100}$  per cent. of the taxes of 1899 remain unpaid, \$15,575.42 less than in 1898 at this time. Nearly 85 per cent. of the poll taxes of 1898 have been collected, and from present appearances, fully as many polls for 1899 will be paid.

The receipts under the discount of five per cent. from September 15 to October 16, inclusive, were as follows:—

Gross receipts, other than bank taxes,	\$1,000,592.35	
Gross receipts for bank taxes,	68,966.40	\$1,069,558.75
Discount, 5 per cent.,		<u>53,422.96</u>
		\$1,016,135.79

This includes state, county and city taxes, together with the amount of bank taxes collected on account of the State of Massachusetts.

The receipts in 1899 for corporation and other taxes from the State of Massachusetts were as follows:—

Corporation taxes,	\$60,800.31	
Non-resident bank taxes,	2,317.77	
Street Railway tax,	5,756.75	
Tax on Ships in foreign trade,	312.79	<u>\$69,187.62</u>



By order the City Council, \$30.00 from corporation taxes was applied to the discount on the taxes of 1899, the balance was placed to the credit of Unappropriated Funds, as shown by the account of the City Auditor.

Respectfully submitted,

JAMES H. HATHAWAY,

Collector of Taxes.

We have examined the foregoing statement and find it correct.

CHAS. H. LAWTON,  
WM. E. SMITH,  
SAMUEL HIGHAM,

Sub-committee of the Committee on Finance to examine the accounts of the Treasurer and Auditor.

IN BOARD OF ALDERMEN,

Mar. 20, 1900.

Received, ordered printed in the City Documents  
and sent down for concurrence.

WM. S. COOK, Asst. City Clerk.

IN COMMON COUNCIL,

3 mo., 20, 1900.

Concurred.

WM. A. MACKIE,

Clerk.

# Annual Report

OF THE

# CITY TREASURER

FOR THE YEAR 1899.



# REPORT.

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CITY OF NEW BEDFORD, MASS.,

TREASURER'S OFFICE,

December 4, 1899.

*To the City Council of the City of New Bedford:*

GENTLEMEN:—As required by the Ordinances of the City, I herewith present a statement of my accounts as City Treasurer for the financial year ending at this date.

Very respectfully,

JAMES H. HATHAWAY,

City Treasurer.

## RECEIPTS.

INCLUDING BALANCE DECEMBER 5, 1898.

Balance,		\$75,971.60
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## APPROPRIATIONS GENERAL, 1899.

From Collector, taxes 1899 under discount,	\$852,295.84	
From Collector, taxes 1899, since October 16,	10,462.65	
From State Treasurer, part of corporation		
Taxes, order of City Council,	30,000.00	892,758.49

## APPROPRIATIONS GENERAL, 1898.

From Collector, taxes of 1898,		41,314.29
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## APPROPRIATIONS GENERAL, 1897.

From Collector, taxes of 1897,		14,141.39
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## APPROPRIATIONS GENERAL, 1896.

From Collector, taxes of 1896,		469.23
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## APPROPRIATIONS GENERAL, 1895.

From Collector, taxes of 1895,		92.38
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## APPROPRIATIONS GENERAL, 1894.

From Collector, taxes of 1894,		10.24
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## APPROPRIATIONS SPECIAL, 1898.

From sale of Improvement bonds, 10 years,	\$108,000.00	
From sale of Schoolhouse bonds, 20 years,	30,000.00	
From sale of Sewer bonds, 30 years,	33,000.00	171,000.00

## CEMETERIES, CARE OF LOTS.

Received from sundry sources, as follows:—

Oak Grove cemetery,	\$2,031.56	
Pine Grove cemetery,	96.10	
Rural cemetery,	2,342.79	
L. W. Hayes, second payment,	9.00	
N. B. Five Cents Savings Bank, interest,	694.58	
Sundry accounts, permanent care,	718.39	
Incidentals,	10.00	
E. T. Wilson, graves,	221.25	6,123.67



## CEMETERIES, SALE OF LOTS.

Received for sale of lots as follows:—

Oak Grove cemetery,	\$1,629.00	
Pine Grove cemetery;	75.00	
Rural cemetery,	1,780.00	
F. B. Hathaway, second audit,	6.00	3,490.00

## COMMONWEALTH OF MASSACHUSETTS, CHAP. 279.

From State Treasurer, burials, soldiers and sailors,	\$455.00	
From W. E. Hatch,	13.25	468.25

## COMMONWEALTH OF MASSACHUSETTS, CHAP. 279.

From State Treasurer, one-half amount for military aid disbursed to January 1, 1899,		1,040.00
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## COMMONWEALTH OF MASSACHUSETTS, CHAP. 301.

From State Treasurer, State aid disbursements to January 1, 1899,		10,260.90
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## COMMONWEALTH OF MASSACHUSETTS, CHAP. 561.

From State Treasurer, Spanish war disbursements,		628.00
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## ENGINEERING DEPARTMENT.

From Automatic Telephone Co., maps,	\$1.00	
From C. O. Brightman, blue print,	.40	
From A. B. Drake,	.50	
From School Department, maps,	.50	
From Southerm Mass. Telephone Co., maps,	2.00	
From Union Street Railway Co., plans,	40.00	
Water Works, maps,	1.80	
William F. Williams, tracing paper,	1.52	47.72

## FIRE DEPARTMENT.

Henry T. Ashley, sale of horse,	\$65.00	
“ “ dressing,	10.00	
City of Taunton, hose,	12.00	
Cole Bros., dredger, hose,	4.00	
Poor Department, dressing,	226.00	
M. L. Sylvia, second audit,	.90	317.90

## FREE PUBLIC LIBRARY, DOG FUND.

From County Treasurer, one-half of amount received from- dog licenses,	1,255.46
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## FREE PUBLIC LIBRARY, TRUSTEES.

## JAMES B. CONGDON GIFT.

From Public Debt, interest on trust funds,	30.00
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## GEORGE O. CROCKER BEQUEST.

From Public Debt, interest on trust funds,	400.00
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## OLIVER CROCKER BEQUEST.

From Public Debt, interest on trust funds,	60.00
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## GEORGE HOWLAND, JR. BEQUEST.

From Public Debt, interest on trust funds,	96.00
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## SYLVIA ANN HOWLAND BEQUEST.

From Public Debt, interest on trust funds,	3,000.00
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## CHARLES W. MORGAN BEQUEST.

From Public Debt, interest on trust funds,	60.00
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## CHARLES L. WOOD BEQUEST.

From Public Debt, interest on trust funds,	80.00
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## HIGHWAYS AND STREETS.

Received from sundry persons, as follows :

Concrete, etc.,	\$965.64
Drains,	2,005.98
Pigs sold,	92.00
Trim trees,	342.41
F. T. Akin & Co., 2d audit,	.73
A. G. Grinnell, balance on drain,	159.53
Blossom Brothers, 2d audit,	3.13
William W. Crapo, screenings,	32.54
T. W. Croacher, 2d audit,	13.19
Dartmouth, Mass., use of roller,	198.00
A. E. Hathaway, horse,	35.00
C. S. Kelley, stock, etc.,	48.10
J. H. Lowe, stock, etc.,	25.00
N. B. Gas & Electric Light Co., stock etc.,	142.41
N. B. Textile School, balance of drain,	28.53
Dartmouth & Westport Railroad Co., excise tax,	336.95

New Bedford, Middleboro & Brockton Railroad Co., excise tax,	21.56
New Bedford, Middleboro & Brockton Railroad Co., widening Acushnet avenue,	2,726.10
Union Street Railroad, excise tax,	3,679.60
S. S. Paine & Bros., paving,	29.55
A. W. Perkins & Co., stone etc.,	74.62
F. A. Sowle, concrete, etc.,	64.00
U. S. War Department, use of pump,	14.00
E. T. Wilson, concrete, etc.,	217.81

## Received from sundry departments, as follows:—

Cemeteries, stock, etc.,	20.02
Coggeshall street bridge, stock, etc.,	172.21
Department of wharves, repairs, etc.,	38.33
Engineering department, labor, etc.,	12.76
Incidentals, trim trees,	421.00
New Bedford and Fairhaven bridge, labor,	176.08
N. B. School Committee, stock, etc.,	208.98
N. B. Water Works, board of horses, etc.,	1,500.80
Park commissioners, stock, etc.,	1,875.46
Poor department, carting orders, etc.,	454.38
Public property, stock, etc.,	82.75
Widening Acushnet avenue, stock, etc.,	411.20
Widening Kempton street, stock, etc.,	111.39
Widening Purchase street, stock, etc.	4,640.51
Sewers, general,	3,073.97
Sewer, Brock avenue, stock, etc.,	158.31
Sewer, Chancery street, stock, etc.,	111.53
Sewer, Coggeshall street, stock, etc.,	2.50
Sewer, Dudley street, stock, etc.,	305.28
Sewer, Holly street, stock, etc.,	356.78
Sewer, Parker street, stock, etc.,	9.37
Sewer, South Sixth street, stock, etc.,	3.85
Sewer, Summer street, stock, etc.,	58.62
Sewer, Valentine street, stock, etc.,	19.36

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 \$25,481.82

Less to Highways and streets,	2,443.13	23,038.69
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## LAND DAMAGES—PURCHASE STREET.

From audit No. 4, August 15, 1899,	\$23.80	
From audit No. 5, August 15, 1899,	26.90	50.70

## INCIDENTALS.

E. Anthony & Sons, rebate,	\$3.00	
Costs and interest, taxes,	224.01	
Tax warrants,	112.50	339.51

## NEW BEDFORD SCHOOL COMMITTEE—HOWLAND FUND.

One year's interest on "Trust Funds,"		
Sylvia Ann Howland, bequest,		3,000.00

## NEW BEDFORD SCHOOL COMMITTEE—BOURNE PRIZE FUND.

One year's interest on "Educational Fund,"		
Jonathan Bourne, bequest,		60.00

## NEW BEDFORD WATER WORKS.

Receipts from sundry sources, as follows:—

Water rates,	\$99,125.27	
Services,	2,263.18	
Meters sold,	1,911.71	
Fines,	48.00	
Mains,	1,454.94	
Mill piping, railroad, etc.,	968.77	105,771.87

## NEW BEDFORD WATER WORKS—FURTHER SUPPLY.

Sundry sales, rents, etc.,		581.12
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## PARK COMMISSIONERS.

Acushnet Saw Mill Co., logs sold,	\$84.77	
C. F. Lawton, sundry sales,	10.80	
Blossom Bros., 2d audit.	5.50	
H. J. Fredette, hay, Buttonwood park,	40.00	
Newton Nursery Co., discount,	2.05	143.12

## POLICE DEPARTMENT.

Bristol County House of Correction, fines, etc.,	\$1,441.20	
Third District Court of Bristol, fines,	5,141.09	
William Curtis, transfer,	17.50	
William H. Daley, warrant,	1.00	
Thomas M. Hart, repair boxes,	21.37	6,622.16

## PRINTING, BINDING AND STATIONERY.

Mercury Publishing Co., 2d audit,		4.00
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## POOR DEPARTMENT.

Received from sundry sources, as follows :

	Cities and Towns.	
Abington,	\$1.13	
Acushnet,	146.31	
Adams,	16.00	
Amesbury,	169.57	
Attleborough,	3.50	
Boston,	201.75	
Brewster,	8.50	
Chicopee,	87.50	
Dartmouth,	295.00	
Duxbury,	77.00	
Dedham,	18.00	
Easton,	18.00	
Fairhaven,	249.00	
Fall River,	590.11	
Falmouth,	59.00	
Freetown,	11.50	
Gloucester,	34.20	
Granby,	12.50	
Hyde Park,	64.50	
Lawrence,	268.19	
Lowell,	84.07	
Marlborough,	12.00	
Methuen,	8.00	
Mattapoisett,	43.50	
Middleborough,	62.32	
Millbury,	91.50	
Nantucket,	2.65	
Northbridge,	4.00	
Palmer,	114.27	
Plymouth,	55.75	
Provincetown,	292.75	
Quincy,	10.00	
Rochester,	12.00	
Springfield,	159.00	
Taunton,	159.40	
Ware,	106.25	
Wareham,	217.75	
Webster,	23.00	
Westborough,	26.05	
Warren,	125.23	
Westport,	182.25	\$4,123.00

## Received for support and other sources :

Mrs. E. P. Allen,	\$56.18
E. B. Baker,	46.00
F. C. Brightman,	42.43
John W. Brennan,	10.00
A. H. W. Carpenter,	17.00
William E. Dowty,	30.00
Fire Department, hay,	90.00
Joseph Fortes,	4.40
Haskell & Tripp, 2d audit,	1.50
Lemuel LeB. Holmes, G'dn.	156.00
Hillman & Washburn,	.45
Mr. J. J. Irving,	107.78
A. H. Jackson, farm produce,	88.44
Theophile Lebeau,	88.00
Library Bureau, 2d audit,	4.60
Jeremiah McCarty,	46.89
Joseph Mercer,	84.96
Edward M. Murphy,	126.75
C. H. Purrington,	54.00
Levi Salisbury,	38.07
S. H. Shepherd,	212.17
M. C. Swift & Son,	2.15

## State Treasurer,

Support and burials,	5,309.82		
William Taylor,	31.10		
J. A. Thompson, G'dn.,	169.46		
Mrs. Georgianna Willis,	26.80		
Isaiah Wood, for son,	212.17		
J. A. Wood & Co., 2d audit,	3.55	7,060.67	\$11,183.67

## PUBLIC SCHOOLS—INCIDENTALS.

Bliss & Nye, 2d audit,	\$1.00		
William E. Hatch, sale of books,	57.00		
William E. Hatch, tuition of non-resident pupils,	637.16		
James A. Wood, 2d audit,	1.50		696.66

## PUBLIC SCHOOLS—PAY OF TEACHERS.

Error in pay rolls,	10.00
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## PUBLIC DEBT.

Commissioners of Sinking Funds of the City			
of New Bedford, maturing bonds,	\$59,696.34		
Department of wharves, interest on wharf bonds,	2,080.00		
Water Works, principal and interest,	35,000.00		96,776.34

## PUBLIC PROPERTY.

Acushnet avenue, widening, land damage,	\$68.16	
George Anthony, rents,	12.50	
C. H. Brownell, sale of house, etc.,	1.60	82.26

## DEPARTMENT OF WHARVES.

Yacht Adelita, water,	\$2.00
Sch. Bella dockage,	8.00
Tug Boxer, water,	3.50
Brett & Simpson, rent,	21.00
Sch. A. C. Buckley, wharfage,	31.62
Sloop Celia, dockage,	16.00
J. G. Childs & Son, rent and dockage,	410.00
City Coal Co., wharfage and water,	54.35
Sch. Clara L. Sparks, dockage,	12.00
Cole Bros., water, etc.,	180.00
Bark Com. Morris, dockage,	41.69
Yacht Courier, water,	18.00
C. E. Davis, wharfage,	46.00
U. S. S. Dexter, water, etc.,	72.00
U. S. S. Dexter, wharfage,	30.00
David Duff & Son, wharfage,	29.60
Sch. E. B. Cornwell, wharfage and water,	25.20
Sch. Eclipse, wharfage,	4.00
Sloop Etta W., dockage,	5.00
E. P. Flanders, wharfage,	6.00
Tug F. W. Munn, wharfage,	4.00
Steamer, Genevieve, winter dockage,	15.00
Tug Gertrude, water,	6.00
Bark Grayhound, wharfage,	3.10
Hartford Dredging Co., water,	50.00
Sch. Hennes, dockage,	3.00
Henry Clay, wharfage,	12.00
Sch. Horatio, wharfage,	77.75
Yacht Indolent, wharfage, and water,	16.00
Sloop Jenney, wharfage,	20.00
Thomas Johnson, rent,	2.50
Bark Josephine, wharfage,	6.46
Daniel Kelliher, rent,	37.44
Sch. Lottie Beard, wharfage,	95.21
Sch. May McFarland, dockage,	20.00
Thomas H. Mills, rent,	50.00
James T. Mosher, dockage,	10.00
Sch. Myaph, dockage,	5.00



N. B. Cordage Co., wharfage,	39.69	
N. B. Cordage Co., water,	192.44	
P. H. Nye, rent,	112.50	
C. S. Paisler, wharfage,	23.08	
S. S. Paine & Bro., wharfage,	46.60	
Sch. Pedro Varlea, wharfage,	5.78	
Tug Peter B. Bradley, water,	2.00	
Bark Platina, wharfage,	11.36	
William F. Potter & Co., rents,	691.50	
Sch. B. D. Prince, dockage,	9.00	
Sch. R. S. Graham, water,	20.00	
Sch. R. S. Graham, dockage,	40.00	
Tug Reliance, water,	3.00	
Shark Club, rent,	87.50	
J. B. Sherman, rents,	18.00	
Bark Swallow, wharfage,	245.32	
G. B. Taber, wharfage,	12.00	
Sch. P. G. Thomson, wharfage,	10.00	
A. S. Tripp, dockage,	40.00	
Sch. William Walker, dockage,	1.50	
H. F. West, rents and dockage,	55.00	
West & Jones, dockage,	75.00	
Yacht Wild Duck, water,	8.00	
Board of Public Works, storage,	567.50	
N. B. Water Works, wharfage,	138.50	3,904.69

## PUBLIC SCHOOLS—DOG FUND.

One-half of the amount received from County	
Treasurer for dog licenses,	1,255.46

## SEWERS,—GENERAL.

Received from sundry persons, as follows :

Drains,	\$1,364.03
Stock, etc.,	69.53

Received from sundry departments, etc. :

F. T. Akin & Co., 2d audit,	4.93
Coggeshall street bridge, stock, etc.,	15.78
Fire Department, conduit,	18.07
Highways and streets, stock, etc.,	380.25
Highways and streets, transfers,	2,443.13
Incidentals, labor, etc.,	169.09
N. B. and Fairhaven bridge, stock, etc.,	44.50
Park Commissioners, labor, etc.,	590.72

Poor Department, labor,	13.32	
Public property, drain,	4.48	
Sewer, Brook street,	1,170.49	
Sewer, Collette and Front streets, labor,	202.52	
Sewer, County street, labor,	47.15	
Sewer, Front street, labor,	18.95	
Sewer, Locust street, labor,	103.59	
Sewer, Orchard street, labor,	114.94	
Parker street, labor, pipe, etc.,	75.22	
Sewer, South Sixth street, pipe, etc.,	38.94	
Sewer, Valentine street, pipe, etc.,	77.63	
Sewer, Willis street, pipe, etc.,	48.85	
N. B. Water Works, stock,	18.94	
Widening Acushnet avenue,	16.27	
Widening Purchase street,	14.33	7,065.65

## REAL ESTATE TAX ACCOUNT.

Rodolphus Ashley, heirs of, taxes of 1897,	\$1,084.68	
W. D. Brunn et al., taxes of 1897,	57.00	
J. A. Delile, tax, Fruit street sewer,	56.08	
A. G. Dressler, tax, Fruit street, sewer,	61.55	
Anna Hannigan, tax, Front street, sewer,	9.73	
John Hannigan, tax, Front street, sewer,	11.47	
Henry Tetrault, taxes of 1896,	8.86	1,289.37

## TEMPORARY LOAN.

Commissioners of Sinking Funds of the City of New Bedford, Nov. 1, 1899,	\$80,000.00	
N. B. Institution for Savings, renewal, May 15, 1899,	300,000.00	
N. B. Five Cent Savings Bank, May 15, 1899,	100,000.00	
Rogers, Newman & Tolman, April 6, 1899,	200,000.00	680,000.00

## UNAPPROPRIATED FUNDS.

Received on account of Poor Department:—

Easton,	\$22.00	
Fall River,	351.14	
Taunton,	218.00	
B. D. Cleveiland,	5.00	
T. Lebeau, support,	16.00	
State Treasurer,	3,887.17	\$4,499.31

## Received from sundry sources, as follows:—

Concrete, &c.,	\$421.85	
Drains,	229.71	
Entries to sewers,	170.00	
Licenses, City Clerk,	1,315.43	
Fees, " "	314.92	
Milk licenses,	187.00	
Peddlers licenses,	100.00	
Pig licenses,	26.00	
Sealers fees,	228.28	2,993.19

## Received for liquor licenses:—

Gross receipts,	\$76,432.00	
One-quarter to State,	19,108.00	
Net receipts,	57,324.00	
State Treasurer,	262.50	57,586.50

## Premium on bonds sold:—

Improvement bonds, \$108,- 000 at 103.91,	4,222.80	
Sewer bonds, \$33,000 at 109.47,	3,125.10	
School bonds, \$30,000 at 107.11,	2,133.00	9,480.90
Accrued interest on bonds sold,		479.06

## Interest on deposits:—

Citizens National Bank,	26.22	
First National Bank,	609.10	
Mechanics National Bank,	682.02	
Merchants National Bank,	647.93	
N. B. Safe Deposit Co.,	532.05	2,497.32

## From Third District Court of Bristol:—

Fines, etc.,	1,179.05
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## From Bristol County House of Correction:—

Fines, etc.,	350.00
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## From County Treasurer:—

Rents, court room,	600.00
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## From State Treasurer:—

Armory rents,	800.00	
Corporation taxes, 1899,	30,800.31	
Corporation taxes, 1898,	4.21	
National bank taxes,	2,052.82	
Street railway tax,	5,756.75	
Street railway tax,	6,093.16	
Tax on ships in foreign trade,	312.79	45,820.04

## From Collector of Taxes :—

Costs and interest on taxes,	3,416.85	
One per cent. for assessing and collecting bank taxes,	360.95	3,777.80

## From sundry departments :—

Cemeteries, carting,	37.34	
Engineering Department,	4.20	
Fire Department, dressing,	248.19	
N. B. Water Works, board horses,	316.96	606.69

## From betterment taxes :—

George F. Bartlett, Purchase st.,	698.05	
Alex. Gibbs, Purchase st.,	388.14	
William Jenney, et. al.,	434.36	
George and Annie L. Johns,	188.86	
F. R. Slocum,	276.37	1,985.78

## From sundry persons :

George F. Bartlett, interest,	67.24	
“ “ trim trees,	25.82	
H. A. Blackmer, labor,	421.58	
“ “ concrete,	32.58	
John T. Bullard, trim trees,	16.30	
John W. Considine, concrete,	37.32	
Fairhaven, Coggeshall Street bridge,	1,647.88	
Fairhaven, Coggeshall Street bridge, maintenance,	22.09	
Alexander Gibbs, interest,	28.40	
W. E. Hatch, books, etc.,	19.00	
W. E. Hatch, tuition,	384.23	
T. D. Hathaway, stock, etc.,	2,108.02	
John Jackson, concrete,	71.86	
Thomas Luce, engine and boiler,	125.00	
H. M. Maine, concrete,	12.95	
John McCullough, old iron,	55.51	
N. B. Gas & Edison Light Co.,	38.19	
N. B. Institution for Savings,	50.25	
Aurella P. Peterson, concrete,	32.10	
J. J. Powers, sale of house,	12.75	
H. E. Pike, pigs,	32.00	
T. B. Tripp, pipes, etc.,	139.36	
St. Lawrence Church, concrete,	73.92	
F. R. Stocum, interest,	19.34	5,473.69

## Received for sewer taxes:—

Adams street,	44.11		
Ashland place and Linden court,	208.02		
Ashley street,	15.45		
Beech street,	78.16		
Belleville avenue,	71.13		
Bourne street,	13.63		
Bowditch and Holly streets,	245.32		
Bowditch and Tallman streets,	720.59		
Bullard street,	61.40		
Butler street and Brock avenue,	19.19		
Butler street,	90.13		
Chancery street,	120.58		
Clinton street,	29.37		
County street,	102.97		
County and Merrimac streets,	42.69		
Dartmouth street,	15.53		
Davis street,	87.78		
Dean street,	88.67		
Elm street,	9.80		
Elm & Reed streets,	53.52		
E. French avenue,	72.60		
Front street,	44.94		
Front street and Hathaway avenue,	538.73		
Hillman street and Rockdale ave.,	426.19		
Jouvette street,	83.35		
Liberty and Keene streets,	7.74		
Lindsey street,	119.84		
Locust street,	81.27		
Middle street,	44.31		
Mill street,	7.07		
Morgan's lane,	154.68		
Mt. Pleasant street,	6.48		
Pleasant street,	130.72		
Sawyer street,	61.53		
Scott street,	17.43		
Shawmut avenue,	52.50		
Smith and Walden streets,	26.51		
So. Second street,	33.86		
Thompson street,	46.22		
Trinity street,	58.48		
Union & Palmer streets,	62.56	4,195.05	141,524.38
Receipts, including balance December 5, 1898,			\$2,306,515.17
Expenditures per warrants of the Mayor,			2,269,197.50
Balance, December 4, 1899,			\$37,317.67

## EXPENDITURES.

The payments on the warrants of the Mayor for the year ending December 4, have been as follows :—viz :

Armories and military property,	\$3,377.35
Board of Assessors,	5,844.64
Board of Health,	20,513.25
Cemeteries, care of lots,	21,970.27
Cemeteries, sale of lots,	4,651.64
City property,	6,535.63
Almshouse alterations,	1,139.79
Schoolhouse Brock avenue, heating, etc.,	500.00
Harrington school, repairs,	14,094.34
Commonwealth of Mass., Chapter 164,	315.00
“ “ “ 279,	2,720.00
“ “ “ 301,	10,564.40
“ “ “ 447,	9,046.22
“ “ “ 561,	284.00
Court judgments,	764.75
Elections,	5,563.03
Engineering department,	9,108.11
Engineering, bound stones,	157.58
Engineering, grade crossing	357.90
Fire department,	78,246.43
Free Public Library,	11,680.00
“ “ “ “dog fund,”	617.50
Free Public Library, Trustees.	
James B. Congdon, gift,	20.03
George O. Crocker, bequest,	561.43
Oliver Crocker, bequest,	21.16
George Howland, Jr., gift,	25.00
Sylvia Ann Howland, bequest,	2,425.67
Charles W. Morgan, bequest,	71.60
Charles L. Wood, bequest,	41.97
Reading room fund,	431.60
Highways and streets,	165,894.33
Land damages, Acushnet avenue, No. 1,	150.00
“ “ Acushnet avenue, No. 2,	5,452.20
“ “ Kempton street, No. 1,	1,175.00
“ “ Kempton street, No. 2,	1,971.62
“ “ Purchase street, No. 3,	847.86
“ “ Purchase street, No. 4,	1,204.56
“ “ Purchase street, No. 5,	2,949.63
“ “ South street,	1,100.00
“ “ Trinity street,	168.40

Incidental,	42,411.58	
Incidentals, Memorial Day,	746.00	
Incidentals, July 4th,	655.84	
License Commissioners,	505.49	
Lighting the streets,	48,363.72	
Coggeshall street bridge,	398.46	
New Bedford and Fairhaven bridge,	1,582.28	
N. B. School Committee, Howland fund,	2,156.93	
N. B. School Committee, Bourne fund,	60.00	
N. B. Water Works,	140,775.06	
N. B. Water Works, Further Supply,	50,281.65	
Park Commissioners,	18,879.33	
Police Department,	117,501.55	
Poor Department,	62,335.10	
Printing, binding and stationery,	3,264.98	
Public baths,	2,335.73	
Public schools, incidentals,	\$50,343.58	
"    "    teachers,	137,569.65	
"    "    repairs,	5,970.29	
"    "    dog fund,	792.32	
"    "    kindergartens,	3,332.77	198,008.61
Department of Wharves,	4,632.32	
Salaries,	24,370.06	
Sewers, general account,	17,655.64	
"    Brook street,	1,329.05	
"    Chancery street, No. 7,	392.60	
"    Collette and Front streets,	812.89	
"    County street, No. 19,	139.15	
"    Dudley street,	1,184.09	
"    Holly street,	1,260.70	
"    Locust street, No. 6,	331.53	
"    Orchard street, No. 8,	340.66	
"    Parker street,	206.49	
"    Sixth street, No. 4,	97.50	
"    Summer street,	134.84	
"    Valentine street,	331.55	
"    Willis street, No. 5,	111.45	
Claims,	340.98	
Schoolhouse, Coggeshall street, plans, etc.,	2,152.42	
City Hospital plans,	3,274.25	
Pingree plan,	964.43	
Public debt,	250,761.89	
Real estate tax account,	2,052.26	
Sinking funds,	98,494.55	
Temporary loan,	775,000.00	\$2,269,197.50



# STATEMENT OF TRUST FUNDS HELD BY THE CITY OF NEW BEDFORD.

## New Bedford School Committee :—

One-half Sylvia Ann Howland bequest, invested in Water Works construction, at 6 per cent.,	\$50,000.00
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## Free Public Library, Trustees' account :—

One-half Sylvia Ann Howland bequest, invested in Water Works construction, at 6 per cent.,	50,000.00
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\$100,000.00

## Free Public Library, Trustee's account, (held as cash in the treasury) :

George Howland, Jr. gift, 6 per cent.,	\$1,600.00	
Oliver Crocker bequest,	1,000.00	
Charles W. Morgan bequest, 6 per cent.,	1,000.00	
James B. Congdon gift,	500.00	
George O. Crocker bequest, 4 per cent.,	10,000.00	
Charles L. Wood bequest,	2,000.00	16,100.00

## New Bedford School Committee :—

Jonathan Bourne Educational fund,	1,000.03
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## Cemetery funds, perpetual care of lots, (held as cash in the treasury at 6 per cent.),

26,734.93

Cemetery funds, perpetual care of lots,  
(savings bank deposits), balance De-  
cember 1898,

19,625.00

## Receipts for 1899 to December 4, 1899,

5,870.00      52,229.93

## Trust funds, total December 4, 1899,

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\$169,329.93

We have examined the foregoing and find it correct :

CHAS. H. LAWTON,  
WM. E. SMITH,  
SAMUEL HIGHAM,

Sub-committee of the Committee on Finance appointed to  
examine the books and accounts of the Treasurer and  
Auditor.



# Annual Report

OF THE

## Sinking Fund Commissioners

OF THE

## City of New Bedford,

For the Year 1899.



# Report

OF THE

## TREASURER OF THE 'SINKING FUNDS.

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CITY OF NEW BEDFORD, MASS.,

TREASURER'S OFFICE.

January 1, 1900.

*To the Commissioners of Sinking Funds of the City of  
New Bedford:*

GENTLEMEN:—Herewith I present a statement of my account as Treasurer of the Sinking Funds for the year 1899, together with a list of the securities now held by the board.

DR.

Par value of funds, January 1, 1899,	\$650,010.93	
Appropriations by City Council, require- ments for municipal debt,	98,494.55	
Received from water rates,	26,800.00	
Received from income on wharves,	1,040.00	
Received for interest on investments,	28,683.53	\$805,029.01

## CR.

Amount paid, accrued interest on investments,	\$825.34	
Amount paid, premium on same,	5,772.35	
Amount paid City Treasurer, maturing bonds, April 1, 1899,	59,696.34	
Amount to income per con., Fund No. 11,	2,303.66	
Amount from Sinking Fund No. 7,	250.89	
Amount of fund at par, Jan. 1, 1900,	736,180.43	<u>\$805,029.01</u>

## APPROPRIATIONS.

The appropriations by the City Council and Water Board, to reduce public debt for the year 1899, including other receipts, together with the value of the Sinking Funds, January 1, 1900, are as follows:—

Sinking Funds, January 1, 1899,	\$650,010.93
For \$30,000 Sewer bonds, April 1, 1886,	
20 years,	\$1,200.00
\$30,000 Sewer bonds, October 1, 1886,	
20 years,	1,200.00
\$15,000 Sewer bonds, April 1, 1887,	
20 years,	600.00
\$15,000 Improvement bonds, April 1,	
1889, 10 years,	250.89
\$35,000 Sewer bonds, April 1, 1888,	
20 years,	1,400.00
\$43,000 Sewer bonds, April 1, 1889,	
20 years,	1,720.00
\$62,000 Improvement bonds, April 1,	
1889, 10 years,	2,303.66
\$48,000 Sewer bonds, April 1, 1890,	
20 years,	1,920.00
\$25,000 Improvement bonds, April 1,	
1890, 10 years,	2,000.00
\$57,000 Sewer bonds, April 1, 1891,	
20 years,	2,280.00
\$73,000 Improvement bonds, April 1,	
1891, 10 years,	5,840.00
\$100,000 Sewer bonds, April 1, 1892,	
20 years,	4,000.00
\$50,000 Improvement bonds, April 1,	
1892, 10 years,	4,000.00
\$108,000 Sewer bonds, April 1, 1893,	
20 years,	4,320.00

\$162,000 Improvement bonds, April 1, 1893, 10 years,	12,960.00	
\$32,000 Sewer bonds, April 1, 1894, 20 years,	1,200.00	
\$89,000 Improvement bonds, April 1, 1894, 10 years,	7,120.00	
\$58,000 Sewer bonds, April 1, 1895, 30 years,	1,160.00	
\$24,000 Improvement bonds, April 1, 1895, 10 years,	1,920.00	
\$172,000 Improvement bonds, March 1, 1897, 10 years,	13,760.00	
\$128,000 School Building bonds, March 1, 1897, 20 years,	5,120.00	
\$69,000 Sewer bonds, March 1, 1897, 30 years,	1,380.00	
\$35,000 Sewer bonds, February 1, 1898, 30 years,	700.00	
\$92,000 School Building bonds, February 1, 1898, 20 years,	3,680.00	
\$62,000 Improvement bonds, February 1, 1898, 10 years,	4,960.00	
\$108,000 Improvement bonds February 1, 1899, 10 years,	8,640.00	
\$30,000 School Building bonds, February 1, 1899, 20 years,	1,200.00	
\$33,000 Sewer bonds, February 1, 1899, 30 years,	660.00	
\$100,000 Park bonds, June 1, 1892, 50 years,	1,000.000	
\$20,000 Water bonds, April 1, 1888, 30 years,	400.00	
\$120,000 Water bonds, April 1, 1894, 30 years,	2,400.00	
\$1,200,000 Water bonds, 1894, 1896, 1897, 30 years,	24,000.00	
\$52,000 Wharf bonds, May 1, 1897, 30 years,	1,040.00	126,334.55
Interest on investments.		28,683.53
Total receipts, including balance, January 1, 1899,		\$805,029.01



## PAYMENTS.

To City Treasurer, Improvement Bonds, matured April 1, 1899,	\$59,696.34	
Premium on bonds purchased,	5,772.35	
Accrued interest on same,	825.34	
To income, Sinking Fund, No. 11,	2,303.66	
From Sinking Fund No. 7,	250.89	68,848.58
Net value of Sinking Funds, Jan. 1, 1900,		<u>\$736,180.43</u>

LIST OF SECURITIES BELONGING TO THE SINKING FUNDS  
JANUARY 1, 1900.

Milwaukee, Wis., Viduct loan, 5 per cent. bonds due July 2, 1906,	\$6,500.00
Milwaukee, Wis., Museum loan, 5 per cent. bonds due July 1, 1906,	3,000.00
Milwaukee, Wis., Bridge loan, 5 per cent. bonds due July 1, 1906,	10,500.00
Bridgeport, Conn., Municipal loan, 4 per cent. bonds due January 1, 1924,	6,000.00
Indianapolis, Ind., Refunding loan, 4 per bonds due June 30, and March 1, 1924,	10,000.00
Waterbury, Conn., Water loan, 4 per cent. bonds due July 1, 1919,	15,000.00
Lynn, Municipal loan, 4 per cent. bonds due January 1, 1922,	5,000.00
Lynn, Municipal loan, 4 per cent. bonds due October 1, 1923,	1,000.00
Lynn, Municipal loan, 4 per cent. bonds due April 1, 1923,	3,000.00
Lynn, Sewer loan, 4 per cent. bonds due September 1, 1908,	6,000.00
Cambridge, Sewer loan, 4 per cent. bonds due August 1, 1924,	32,000.00
Cambridge, Park loan, 4 per cent. bonds due February 1, 1924,	4,000.00
Grand Rapids, Mich., Water loan, 4½ per cent. bonds due October 1, 1913,	40,000.00
New Britian, Conn., Water loan, 4 per cent. bonds due Aug. 1, 1908 to 1918,	25,000.00
Springfield, O., Municipal loan, 5 per cent. bonds due September 1, 1901,	4,000.00
Springfield, O., Municipal loan, 5 per cent. bonds due September 1, 1902,	3,000.00

Cleveland, O., Water loan, 4 per cent. bonds due April 1, 1903,	4,000.00
New Bedford, Water loan, 4 per cent. bonds due April 1, 1924,	3,000.00
New Bedford, Sewer loan, 3½ per cent. bonds due October 1, 1906,	30,000.00
New Bedford, Wharf loan, 4 per cent. bonds due May 1, 1927,	52,000.00
Newton, Water loan, 4 per cent. bonds due April 1, 1924,	19,000.00
Wakefield, Light loan, 4 per cent. bonds due October 1, 1918,	9,000.00
Woonsocket, R. I., Funding loan, 4 per cent. bonds due April 1, 1924,	3,000.00
Haverhill, Municipal loan, 4 per cent. bonds due October 1, 1921,	20,000.00
Brockton, Water loan, 4 per cent. bonds due April 1, 1924,	7,000.00
Brockton, Sewer loan, 4 per cent. bonds due December 1, 1923,	1,000.00
Saginaw, Mich., Sewer loan, 5½ per cent. bonds due November 1, 1913,	15,000.00
Malden Sewer loan, 4 per cent. bonds due May 2, 1924 and 1925,	25,000.00
Newport, R. I., Gold loan, 4 per cent. bonds due May 15, 1923,	15,000.00
Meriden, Conn., Municipal loan, 4 per cent. bonds due May 1, 1907,	10,000.00
Haverhill, Municipal loan, 4 per cent, bonds due December 1, 1922,	5,000.00
Taunton, sewer loan, 4 per cent. bonds due June 1, 1915,	1,000.00
Taunton, Municipal loan, 4 per cent. bonds due June 1, 1905,	11,125.00
Taunton, Municipal loan, 4 per cent. bonds due December 1, 1915,	2,000.00
Taunton, Municipal loan, 4 per cent. bonds due December 1, 1906,	19,000.00
Youngstown, O., Water loan, 5 per cent. bonds due May 1, 1900,	1,000.00
Hyde Park, Sewer loan, 4 per cent. bonds due May 1, 1908 and 1909,	10,000.00
Hyde Park, Schoolhouse loan, 4 per cent. bonds due November 1, 1901 and 1902,	3,000.00

Malden, Water loan, 4 per cent. bonds due January 1, 1916,	10,000.00	
Waltham, Building loan, 4 per cent. bonds due January 1, 1907,	3,000.00	
Waltham, Water loan, 4 per cent. bonds due April 1, 1917,	6,000.00	
Waltham, Sewer loan, 4 per cent. bonds due January 1, 1927,	2,000.00	
Attleborough, Water loan, 4 per cent. bonds due January 1, 1926,	18,000.00	
Newton, Sewer loan, 4 per cent. bonds due May 1, 1927,	16,000.00	
Quincy, Sewer loan, 4 per cent. bonds due May 1, 1916 to 1923,	20,000.00	
Watertown, Municipal loan, 4 per cent. bonds due August 1, 1900,	1,000.00	
Medford, Building loan, 4 per cent. bonds due August 1, 1918,	30,000.00	
New Bedford, Sewer loan, 3½ per cent. bonds due February 1, 1928,	3,000.00	
New Bedford, Schoolhouse loan, 3½ per cent. bonds due February 1, 1918,	4,000.00	
Taunton, Municipal loan, 4 per cent. bonds due June 1, 1907,	4,000.00	
Worcester, Funding Sewer loan, 4 per cent. bonds due July 1, 1928,	17,000.00	
Saginaw, Mich., Bridge loan, 4 per cent. bonds due April 1, 1923,	10,000.00	
Saginaw, Mich., Water loan, 4 per cent. bonds due December 1, 1919,	10,000.00	
New Bedford, Schoolhouse loan, 3½ per cent. bonds due February 1, 1919,	7,000.00	
New Bedford, Water loan, 5 per cent. bonds due October 1, 1900,	3,000.00	
New York & New England Railroad bonds, 6 per cent. due January 1, 1905,	25,000.00	
Leominster, Water loan, 4 per cent. bonds due November 17, 1900,	5,000.00	\$633,125.00

## SAVINGS BANK DEPOSITS AND OTHER LOANS.

New Bedford Five Cents Savings Bank,	\$1,257.25
New Bedford Institution for Savings,	1,183.32
The Boston Five Cents Savings Bank,	1,202.31
Charlestown Five Cents Savings Bank,	1,180.42

1900.

## SINKING FUNDS.

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City Institution for Savings, Lowell,	1,000.00	
Suffolk Savings Bank for Seamen and Others,	1,225.27	
City of New Bedford loan,	80,000.00	
Town of Wellesley loan,	10,000.00	
	<u>\$97,048.57</u>	
Mechanics National Bank, deposits,	6,006.86	103,055.43
	<u>6,006.86</u>	
Investments at par, including deposits,		<u>\$736,180.43</u>

## BONDS PURCHASED DURING THE YEAR 1899.

Saginaw, Mich., Bridge bonds, 4s, at 111½,	\$10,000.00	
Saginaw, Mich., Water bonds, 4s, at 110¼,	10,000.00	
New Bedford, Schoolhouse bonds, 3½, at 106.23,	7,000.00	
New Bedford, Water bonds, 5s, at 101¼,	3,000.00	
Leominster, Water bonds, 4s, at 100½,	5,000.00	
New York & New England Railroad bonds, 6s,		
at 112.47,	<u>25,000.00</u>	\$60,000.00

AMOUNT OF SINKING FUNDS AND LOANS  
SECURED BY SAME IN EACH CLASS.

CLASS.	SINKING FUNDS.	LOANS.	WHEN DUE.
3	\$22,002.82	\$30,000.00	April 1, 1906
4	19,990.73	30,000.00	October 1, 1906
5	10,008.49	15,000.00	April 1, 1907
8	21,047.20	35,000.00	" 1, 1908
9	8,388.87	20,000.00	" 1, 1918
10	23,172.77	43,000.00	" 1, 1909
12	23,016.71	48,000.00	" 1, 1910
13	23,975.93	25,000.00	" 1, 1900
14	24,076.77	57,000.00	" 1, 1911
15	61,670.30	73,000.00	" 1, 1901
16	36,807.44	100,000.00	" 1, 1912
17	36,807.44	50,000.00	" 1, 1902
18	7,897.37	100,000.00	" 1, 1942
19	34,116.59	108,000.00	" 1, 1913
20	102,349.72	162,000.00	" 1, 1903
21	7,955.52	32,000.00	" 1, 1914
22	47,202.60	89,000.00	" 1, 1904
23	14,832.87	120,000.00	" 1, 1924
24	98,042.03	1,200,000.00	January 1, 1927
25	6,225.36	58,000.00	April 1, 1925
26	10,303.99	24,000.00	" 1, 1905
27	43,052.18	172,000.00	March 1, 1907
28	16,003.96	128,000.00	" 1, 1917
29	4,315.15	69,000.00	" 1, 1927
30	3,237.74	52,000.00	May 1, 1927
31	1,432.74	35,000.00	February 1, 1928
32	7,532.07	92,000.00	" 1, 1918
33	10,151.78	62,000.00	" 1, 1908
34	8,692.07	108,000.00	" 1, 1909
35	1,207.24	30,000.00	" 1, 1919
36	663.98	33,000.00	" 1, 1929
	\$736,180.43	\$3,200,000.00	

1900.

## SINKING FUNDS.

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## SINKING FUNDS,

## CITY OF NEW BEDFORD.

## BALANCE SHEET,

JANUARY, 1, 1900.

PAGE.	NO.	DR.	CR.
18	Sinking Fund, 3		\$22,002.82
25	" " 4		19,990.73
28	" " 5		10,008.49
37	" " 8		21,047.20
40	" " 9		8,388.87
42	" " 10		23,172.77
48	" " 12		23,016.71
51	" " 13		23,975.93
53	" " 14		24,076.77
56	" " 15		61,670.30
59	" " 16		36,807.44
61	" " 17		36,807.44
63	" " 18		7,897.37
65	" " 19		34,116.59
67	" " 20		102,349.72
73	" " 21		7,955.52
75	" " 22		47,202.60
77	" " 23		14,832.87
79	" " 24		98,042.03
81	" " 25		6,225.36
83	" " 26		10,303.99
87	" " 27		43,052.18
89	" " 28		16,003.96
91	" " 29		4,315.15
93	" " 30		3,237.74
94	" " 31		1,432.74
95	" " 32		7,532.07
96	" " 33		10,151.78
98	" " 34		8,692.07
100	" " 35		1,207.24
102	" " 36		663.98
70	Bond account.	\$633,125.00	
71	Savings Bank and Loan account.	97,048.57	
10	Mechanics National Bank, Deposit.	6,006.86	
		\$736,180.43	\$736,180.43

Respectfully submitted,

JAMES H. HATHAWAY,

City Treasurer.

REPORT  
OF THE  
Commissioners of the Sinking Funds.

---

CITY OF NEW BEDFORD, MASS.,

January 1, 1900.

*To the City Council of the City of New Bedford:*

GENTLEMEN:—At a meeting of the Commissioners of Sinking Funds of the City of New Bedford, held this day, it was

*Voted*, To adopt the foregoing statement of the Treasurer of the Sinking Funds as the report of the Commissioners of the Sinking Funds of the City of New Bedford, required by the Statutes of Massachusetts to be made annually to the City Council.

WM. H. PITMAN,  
MORGAN ROTCH,  
WM. A. MACKIE,

Commissioners of Sinking Funds.



We have examined the foregoing statement and find it correct.

CHAS. H. LAWTON,  
WM. E. SMITH,  
SAMUEL HIGHAM,

Sub-committee of the Committee on Finance, appointed to examine the accounts of the Treasurer and Auditor.

IN BOARD OF ALDERMEN,

Mar. 20, 1900.

Received, ordered printed in the City Documents  
and sent down for concurrence.

WM. S. COOK, Asst. City Clerk.

IN COMMON COUNCIL,

3 mo., 20, 1900.

Concurred.

WM. A. MACKIE, Clerk.

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1900—CITY DOCUMENT No. 9.

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# ANNUAL REPORT

OF THE

# CHIEF OF POLICE,

OF THE

City of New Bedford,

FOR THE

Year Ending December 31st, 1899.

---

NEW BEDFORD:  
MERCURY PUBLISHING CO., CITY PRINTERS,  
1900.



# Annual Report.

CITY OF NEW BEDFORD, MASS.,

OFFICE OF THE CHIEF OF POLICE.

*To His Honor, the Mayor, and Gentlemen of the City Council:—*

GENTLEMEN:—I have the honor to submit herewith, the annual report of the condition and doings of the Police Department, for the year ending Dec. 31st, 1899.

This department at present consists of the following :

Chief,	1	Health Officer,	1
Captains,	2	Emergency Officer,	1
Lieutenants,	9	Wagonmen,	2
Inspectors,	2	Drivers,	2
Sergeants,	4	Housekeepers,	9
Patrolmen,	73	Matron,	1
Clerk,	1	Janitor,	1
Total,			109

## ARRESTS DURING THE YEAR, 2,237.

Arrests by months:—		Males,	1,897
January,	195	Females,	340
February,	125	Americans,	1,063
March,	181	Foreigners,	1,174
April,	157	Non-residents,	448
May,	204	Minors,	249
June,	192	Commitments,	1,157
July,	188	Arrests on warrants,	630
August,	216		
September,	175		
October,	240		
November,	183		
December,	181		

## LODGERS.

Number of lodgers during the year, 920.

Males,	914
Females,	6
Americans,	542
Foreigners,	378
Non-residents,	904
Minors,	14

## NATIVITY OF LODGERS.

United States,	542
British Provinces,	20
Canada,	40
England,	138
France,	1
Germany,	5
Ireland,	139
Italy,	1
Portugal,	5
Russia,	3
Scotland,	17
Spain,	1
Sweeden,	5
Wales,	3

## NATIVITY OF PRISONERS.

United States,	1,063
Australia,	3
Austria,	7
British Provinces,	30
Canada,	295
England,	295
France,	3
Germany,	19
Greece,	2
Ireland,	269
Italy,	6
Norway,	13
Poland,	24
Portugal,	94
Russia,	29
Sandwich Islands,	1
Scotland,	67
Sweeden,	15
Wales,	1
West Indies,	1

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Carrying concealed weapons,	1
Dealing in junk without license,	5
Defrauding boarding house keeper,	2
Dissuading a witness,	1
Disturbing the peace,	132
Drunkenness,	1,300
Deserters,	4
Disturbing religious assembly,	2
Embezzlement,	7
Fast driving,	12
Forgery,	1
Fornication,	6
Fraud,	1
Gambling,	1
Having obscene pictures in possession,	2
Illegal sale of liquor,	1
Idle and disorderly,	37
Impersonating an officer,	1
Incest,	1
Indecent exposure,	3
Insane,	36
Keeping common gaming house,	1
Keeping common nuisance,	7
Keeping liquor nuisance,	1
Keeping liquor with intent to sell,	9
Keeping noisy and disorderly house,	29
Larceny,	108

Larceny felonious,	2
Lewdness,	2
Lewd and lascivious cohabitation,	1
Malicious mischief,	8
Neglected children,	28
Night walking,	18
Non-registered physician,	1
Non-support,	42
Non-payment of poll tax,	1
Obstructing an officer,	4
Obstructing sidewalk,	1
Obtaining goods under false pretences,	4
Perjury,	1
Present where gaming implements were found,	8
Rape,	3
Receiving stolen goods,	3
Refusing to aid an officer,	1
Robbery,	3
Selling leased property,	1
Selling cigarettes to minors under 16,	1
Stealing a ride,	11
Stubborn children,	17
Threatening bodily harm,	21
Tramps,	1
Trespass,	2
Truancy,	1
Uttering forged order,	1
Uttering worthless check,	1
Using obscene language in public place,	1
Vagrants,	16
Violation of bicycle law,	16
Violation of food law,	1
Violation of fireworks law,	1
Violation of dentistry law,	1
Violation of junk law,	1
Violation of city ordinances,	3
Violation of Lord's day,	2

## PRIMARY DISPOSITION OF CASES.

Paid fines,	589
Committed to various institutions,	1,157
Continued,	262
Laid on file,	22
Probably guilty,	26



1899.

## POLICE REPORT.

7

Ordered to give bond to keep the peace,	12
Continued on probation,	66
Released without arraignment by order of court,	29
Not guilty and discharged,	44
Defaulted,	5
Nolle prossed,	14
Delivered to out of town officers,	18
Appealed,	111

## MISCELLANEOUS BUSINESS.

Accidents,	35
Amount of property stolen in the city,	\$3,048.39
Amount of property recovered,	\$2,965.81
Buildings found open and secured,	161
Court attendance,	3,023
Cases investigated,	4,532
Dangerous buildings,	1
Dangerous dogs,	1
Dangerous wires,	25
Dangerous poles,	1
Defective fire alarm boxes,	5
Defective gas lights,	8
Defective gas pipes,	1
Defective water pipes,	11
Defective lamps,	72
Defective streets and sidewalks,	308
Defective hydrants,	4
Defective police boxes,	42
Disturbances suppressed,	390
Dog notices served,	110
Dogs killed,	16
Fire alarms given,	16
Fires extinguished without alarm,	22
Intoxicated persons helped home,	13
Lost children found and restored,	268
Liquor search warrants served,	9
Notices served,	55
Street obstructions reported,	17
Street obstructions removed,	13
Stray teams put up,	31
Sick and injured persons assisted,	69
Water running to waste,	100
Horses found cast,	15

Electric street lights out,	1,251
Gas street lights out,	547
Naptha street lights out,	2,033
Extra hours of duty,	1,818
Horses killed,	4
Animals impounded,	23
Police boxes found open,	3

## ROSTER OF THE FORCE.

## CHIEF :

HENRY W. MASON.

## CAPTAINS :

TIMOTHY C. ALLEN,

JAMES L. WILBUR.

## INSPECTORS :

GEORGE E. GENDRON,

FRANKLIN L. HATHAWAY.

## LIEUTENANTS :

SETH E. BRYANT,  
THOMAS FAY,  
CHARLES L. MCBAY,  
THOMAS J. TAFT.THOMAS W. COMSTOCK,  
ARTHUR H. JONES,  
JOHN C. PARKER,  
JOSEPH B. WING.

## COURT AND COMMITTING OFFICER :

LIEUT. LEMUEL D. ADAMS.

## CLERK :

HENRY N. WEST.

## SERGEANTS ;

CHARLES C. GIFFORD,  
WILLIAM E. ROSCOE,EDMUND FOLEY,  
WILLIS C. UNDERWOOD.

## POLICE MATRON :

MRS. MARGARET S. BULLARD.

## PATROLMEN :

ALDRICH, OSCAR F.	LOWTHER, GEORGE H.
ALLEN, EDGAR W.	MATHER, JOSEPH
ALLEN, EDWARD	MEEHAN, DANIEL
ALLEN, ROBERT N.	McCARTHY, JEREMIAH
ALMOND, WALTER	McCARTHY, EDWARD
ALMOND, WILLIAM JR.	McDONALD, PATRICK
ARNETT, HENRY,	McDONALD, DANIEL J.
ARNETT, JAMES W.	McDONALD, DENNIS J.
ATWOOD, WILLIAM W.	McENNIS, ROBERT B.
BRIGGS, JOHN W.	McLEOD, SAMUEL D.
CALLANAN, THOMAS F.	McDONNELL, JAMES
CANNAVAN, PARTICK	MOYNAN, ROBERT
CHURCH, CHARLES B.	MURPHY, CORNELIUS J.
CLOUGH, GEORGE H.	OLIVER, JOHN F.
CLARK ULYSSES L.	PINKHAM, GEORGE W.
COLE, WILLIAM T.	RAYMOND, HIRAM E.
COWING, WILLIAM J.	REMINGTON, FRANK L.
COX, JAMES W.	RHODES, HENRY W.
DAHONEY, THOMAS,	RICKETSON, HARRISON D.
DALEY, JEREMIAH E.	ROOKS, JOHN C.
DEMERS, FRANK E.	RUSSELL, EUGENE F.
DENEEN, DANIEL	SAVAGE, JAMES W.
DODDS, JAMES	SISSON, JOSEPH DE L.
DOHERTY, EDWARD P.	SMITH, ANDREW J.
EARLEY, EDWARD C.	SMITH, CHARLES F.
ELDRIDGE, WASHINGTON A.	STOW, HARRY D.
ENOS, FRANK	SULLIVAN, JOHN D.
FANNING, JAMES F.	SULLIVAN, TIMOTHY
FOWLER, WILLIAM	SWEENEY, DANIEL D.
GIFFORD, GEORGE P.	SYLVIA, FRANK W.
HOWLAND, WILLIAM A. E.	TABER, JEREMIAH M.
HUTCHINSON, JOHN J.	VOGEL, GEORGE
IVEY, JAMES A.	VOGEL, ROBERT F.
KENNEY, PATRICK	WILLIS, RUFUS H.
KENT, CHANCELLOR	WINSLOW, GEORGE F.
LAWRENCE, GEORGE R.	WIXON, JAMES A.
LEE, ALLEN R.	

## EMERGENCY OFFICER :

PATRICK KENNEDY.

## HEALTH OFFICER :

WILLIAM E. MACOMBER.

## WAGONMEN :

JOHN M. JONES.

GEORGE W. PAIGE,

## DRIVERS :

EDWARD F. JENNINGS,

WILLIAM M. RYAN.

## HOUSEKEEPERS :

BUMPUS, HENRY W.

WILSON, THOMAS H.

DAYTON, LUTHER M.

JONES, ISAAC M.

HUMPHREY, DANIEL J.

MANCHESTER, JOHN B.

MITCHELL, WILLIAM H.

ROBBINS, CHARLES H.

STEPHENS, HENRY.

## JANITOR :

MOSES C. DREW.

## RESIGNED :

Patrolman STEPHEN J. WESTON, October 11th, 1899.

## RESERVE POLICE FORCE.

In accordance with the Civil Service Laws of the Commonwealth, the following named persons were on March 3d, 1899, appointed as Reserve Police Officers of the City of New Bedford :

CHARLES F. NICKERSON,

JOHN C. SPOONER,

ALBERT E. MOSHER,

ALBERT H. ROOKS,

WILLIAM BENOIT,

CHESTER L. TRIPP,

SETH A. WILCOX,

NATHANIEL F. GIBBS,

LAWRENCE J. DURANT,

SMITH SHARPLES,

CHARLES E. ALLEN,

STEPHEN HAFFORDS, JR.,

and after serving a probationary term of six months, were on Oct. 31st, 1899, appointed and confirmed Regular Reserve Police Officers of the City of New Bedford, with all the powers of a Constable, except the power of serving and executing civil process.

## SIGNAL CALLS.

Duty calls,	330,572
Telephone calls,	31,733
Wagon calls,	984
Ambulance calls,	67

The purchase of telephones and transmitters for the Signal Boxes, recommended in my report for 1898 was consummated and the instruments installed May 1st, 1899, and the saving anticipated, has been accomplished.

## RECOMMENDATIONS.

In order to further reduce expenditures, and also obtain more satisfactory service, I recommend that an Electrical Storage System be installed for the use of the Police Signal System. If this is done, a considerable yearly saving will result.

I also recommend that a Signal Box be placed at, or in the vicinity of Lunds corner.

## WOMEN'S LOCKUP.

Matron's report:—

Number of prisoners,	290
Insane,	9
Children,	36
Lodgers,	5
Total,	<hr/> 340

MARGARET S. BULLARD, Matron.

To His Honor, the Mayor, and the Committee on Police, I hereby extend my thanks for the uniform courtesy and kindness accorded to me on all occasions.

Respectfully,

HENRY W. MASON,  
Chief of Police.

IN BOARD OF ALDERMEN,

Jan. 11, 1900.

Received, and ordered printed in the City Documents,  
and sent down for concurrence.

D. B. LEONARD, City Clerk.

IN COMMON COUNCIL,

1 mo., 25, 1900.

Concurred.

WM. A. MACKIE,

Clerk.









1900—CITY DOCUMENT No. 10.

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# ELEVENTH ANNUAL REPORT

OF THE

# BOARD OF PUBLIC WORKS

OF THE

CITY OF NEW BEDFORD,

TO THE

CITY COUNCIL,

TOGETHER WITH THE REPORT OF THE

• SUPERINTENDENT OF PUBLIC WORKS

TO THE BOARD,

FOR THE YEAR 1899.

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NEW BEDFORD:  
MERCURY PUBLISHING CO., CITY PRINTERS,  
1900.



# BOARD OF PUBLIC WORKS.

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Organized May 3, 1889, under Chapter 167 of the Acts  
and Resolves of 1889.

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## ORGANIZATION FOR 1899.

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CHARLES S. ASHLEY, Mayor, Chairman.  
JOHN L. G. MASON, President of the Common Council.  
MORGAN ROTCH, Term expires May, 1900.  
F. WILLIAM OESTING, term expires May, 1901.  
JOHN ELDRIDGE, JR., term expires May, 1902.

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CLERK,  
WILLIAM S. COOK.

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SUPERINTENDENT OF PUBLIC WORKS,  
CHARLES F. LAWTON, Civil Engineer.

1899.

## NEW BEDFORD,

MASS.

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Population, assessors' estimate, 58,500.

Valuation, \$56,107,418.

Area, about  $19\frac{1}{3}$  square miles.

131.764 miles of accepted streets.

Two bridges over the Acushnet river; old bridge being replaced by new bridge;  $\frac{3}{4}$  Coggeshall street bridge maintained by New Bedford.

3.71 miles of stone block paving, an area of 44,806 square yards.

0.423 miles of asphalt block paving, an area of 5,012 square yards.

15.65 miles of cobble paving, an area of 202,012 square yards.

50.37 miles of macadam paving, an area of 625,492 square yards.

88.34 miles of curbing.

35.45 miles of flag sidewalk, an area of 107,039 square yards.

32.14 miles of concrete sidewalk, an area of 139,812 square yards.

0.246 miles of granolithic sidewalk, an area of 1,259 square yards.

62.273 miles of sewer from 8 to 72 inches diameter.

\$975,772.77 cost of sewer system to date.

823 catch basins.

107 eyeholes.

598 manholes.

26 sewer outlets into Acushnet river.

3 sewer outlets into the lower harbor.

6 sewer outlets into Clark's Cove.



# REPORT.

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OFFICE OF BOARD OF PUBLIC WORKS,  
ODD FELLOWS' BUILDING,

December 2, 1899.

*To the Honorable the City Council of the City of New  
Bedford:—*

GENTLEMEN :—The Board of Public Works herewith presents its eleventh annual report for the year ending December 2, 1899.

At the beginning of the year the Board organized with Hon. Charles S. Ashley, Mayor, Chairman, ex-officio ; John L. G. Mason, President of the Common Council ; Hon. Morgan Rotch, John Eldridge, Jr., and F. William Oesting. The year has been one of usual activity, a large amount of new work in all branches having been accomplished. For details of the work of the department attention is respectfully directed to the tables accompanying this report.

During the year a great deal of work was done by the Board in its action upon petitions of several quasi-public corporations for various rights in our streets. In the matter of granting franchises to companies desiring to construct underground conduits, attention was given to protecting the public rights, and we feel that under our existing laws all that was possible has been done in protecting the city's interests, both in the present and looking to the future, when it is hoped that legislation may exist

which will make the handling of such vastly important matters simpler and the conditions under which the privileges are given more advantageous. Under authority from this Board the New Bedford Gas & Edison Light Company, the Automatic Telephone Company, and the Southern Massachusetts Telephone Company have placed a large number of wires underground, thus removing from our streets many wires and poles which have been sources of danger and disfigurement in the public thoroughfares. With the work projected by the several companies using wires we hope soon to see our streets comparatively clear of electric wires of all kinds, leaving only such poles and appliances as are absolutely necessary for the conduct of business. All of which is respectfully submitted.

CHARLES S. ASHLEY,	}	Board of Public Works.
JOHN L. G. MASON,		
MORGAN ROTCH,		
JOHN ELDRIDGE, JR.,		
F. WM. OESTING,		

The following is the report of William Downey, draw-tender of the New Bedford and Fairhaven Bridge, for the year ending December 2, 1899, showing the number of vessels for which the draw has been opened :

1899.	Boats.	Schs.	Ships and Barks.	Tugs.	Barges.	Total.
December, 1898,	18	14	1	45	14	92
January, 1899.	8	11		47	23	89
February,	4	2		30	20	56
March,	13	22		58	22	115
April,	86	20	1	74	33	214
May,	146	15		52	20	233
June,	166	10		61	33	270
July,	209	6		45	34	295
August,	301	5		56	37	399
September,	159	2		32	15	208
October,	167	19		56	24	266
November,	68	22		160	133	383
	1345	148	2	716	408	2620

## APPROPRIATIONS AND EXPENDITURES, 1899.

	Appropriation	Expenditure
Highways and streets,	\$135,000.00	\$142,855.64
General sewers,	12,000.00	10,589.99
Coggeshall Street bridge,	475.00	398.46
New Bedford and Fairhaven bridge,	1,625.00	1,582.28
Widening Acushnet ave., Lund's cor. to Ball's cor.	4,775.00	5,452.20
Widening Acushnet ave., Lund's cor. south,	150.00	150.00
Land damages widening Kempton street,	1,175.00	1,175.00
*Widening Kempton st., Dartmouth line east,	7,000.00	1,971.62
*Widening Purchase street, Kempton street to Mill street,	1,491.07	847.86
*Widening Purchase street, Mill street to North street,	1,332.87	1,204.56
†Widening Purchase street, North street to Maxfield street,	3,203.33	2,949.63
Layout South street, County street to Crapo street,	1,100.00	1,100.00
Land damages Trinity street, Cedar street to Wilson street,	168.40	168.40
	\$169,495.67	\$170,445.64
Brook street sewer,	\$1,200.00	\$1,329.05
Chancery street sewer No. 7,	392.60	392.60
Collette and Front streets sewer,	1,000.00	812.89
County street sewer No. 19,	150.00	139.15
Dudley street sewer,	1,500.00	1,184.09
Holly street sewer,	2,500.00	1,260.70
Locust street sewer No. 6,	400.00	331.53
Orchard street sewer No. 8,	500.00	340.66
Parker street sewer,	500.00	206.49
Sixth street sewer No. 4,	200.00	97.50
Summer street sewer,	150.00	134.84
Valentine street sewer,	300.00	331.55
Willis street sewer No. 5,	200.00	111.45
	\$178,488.27	\$177,118.14

\* Brought forward from 1898.

† Brought forward from 1898 and carried forward to 1900.

## HIGHWAYS AND STREETS.

Year.	Net Expenditure Appropriation for Year.	New Work.	Maintenance and Repairs.	Stock on hand Decreased.	Stock on hand Increased.
1895	\$113,362.44	\$56,701.37	\$55,734.55		\$926.52
1896	119,642.27	67,953.37	57,469.25	\$5,780.35	
1897	164,834.32	92,759.88	66,718.78		5,355.66
1898	181,334.62	96,618.76	83,876.67		839.19
1899	146,893.75	74,858.45	75,694.38	3,659.08	

## GENERAL SEWERS.

Year.	Net Expenditure Appropriation for Year.	New Work.	Maintenance and Repairs	Stock on hand Decreased.	Stock on hand Increased.
1895	\$16,628.83	\$4,764.24	\$13,636.99	\$1,772.40	
1896	9,975.28	3,061.72	7,010.52	96.96	
1897	14,677.22	4,585.35	11,913.45	1,821.58	
1898	16,892.88	6,888.99	10,103.68	99.79	
1899	10,589.99	3,857.73	7,405.53	673.27	



# Report of Superintendent.

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OFFICE OF SUPERINTENDENT,  
ODD FELLOWS' BUILDING,  
NEW BEDFORD, December 4, 1899. .

*To the Board of Public Works of the City of New  
Bedford:*

GENTLEMEN :—The eleventh annual report of the work of this department for the twelve months ending December 2, 1899, is herewith submitted.

The tables give in detail all the work of the year as well as a comparison with previous years, and it hardly seems necessary to call attention to any particular feature.

It is interesting to note that for the first time in five years, and the only time with the exception of 1894, the expenditure for maintenance and repairs has exceeded the expenditure for the new work. This is encouraging from the fact that it leads us to hope that the calls for new work will gradually diminish, and that a larger proportion of the total expenditure can be applied to the repairs and maintenance of streets that have already been improved. In fact it would seem that if we maintain the same rate of progress that has existed for the past few years, it will soon be a matter almost wholly of maintenance. In the last five years there has been an increase of macadam amounting to fifty-seven per cent., and an increase of block paving of 112 per cent.



I feel that I cannot too strongly recommend to the Board the continued use of granite blocks. We still have fifteen miles of cobble streets many of which sustain the heaviest traffic of any in the city, and on which the annual cost of repairs is very great. Our block paved streets, especially those that have a concrete foundation, have required practically no expenditure for repairs, and will remain in first-class condition for many years to come. Some of the streets occupied by car tracks, where there is not much business, like Summer, Cedar and Ash streets, might well remain with cobble paving; but streets in the centre sustaining heavy traffic, like Union, Middle, Front and Water streets, if laid with granite block on concrete, would not only add greatly to the appearance of the city, but would save a great deal in the matter of annual outlay for repairs.

Respectfully submitted,

C. F. LAWTON.

## STREETS ACCEPTED.

STREET.	LOCATION.	WIDTH. Feet.	LENGTH. Feet.
Brook,	Sawyer street, north 677.73 feet,	40	677.73
Chancery,	Willis to Parker,	40	294.96
Elm,	Front to Water,	30	235.72
Holly,	Belleville avenue to Acushnet avenue,	50	859.44
South,	604 feet west of County to Crapo,	50	106.45
Whitman,	Diman to Front,	50	472.00
Willard,	Brock avenue to West French avenue,	50	1,121.61
	Total, 3,767.91 feet, or 0.714 miles.		3,767.91

# STREET WIDENINGS LAID OUT AND ACCEPTED.

STREET.	LOCATION.	AMOUNT OF WIDENING.	Length.
Acushnet ave.	Tarkiln Hill road south.	Triangular.	96.81
Acushnet ave.	Tarkiln Hill road to Mill rd.	14 ft. on east side.	1,469.97
Acushnet ave.	Mill road to Freetown line.	About 10 ft. on e.s.	23,491.01
Acushnet ave.	Opposite Braley road.	Irregular.	1,556.19
			26,613.98

Total 26,613.98 feet, or 5.04 miles.

## MACADAM NEW.

STREET.	LOCATION.	LENGTH.	Area. Sq. Yards.	COST.
Acushnet avenue,*	Between Division and Delano,	247.	480.3	\$164.43
Acushnet avenue,*	Between Blackmer and Rivet,			88.63
Bay,	Between Cottage and Ward,	428.	842.6	320.89
Bay,	Between Ward and Columbia,	259.	754.	316.36
Belleville avenue,	Between Deane street and Coffin avenue,	334.2	1,125.8	648.73
Borden,	Between Dartmouth and Allen,	636.	1,288.4	505.32
Bullard,†	East of Acushnet avenue,		109.30	109.30
Bullard,	Between Acushnet avenue and Bowditch street,	599.	1,597.3	1,246.86
Chancery,	Between Hawthorn and Arnold,	699.	1,505.3	602.62
Chestnut,	Between Kempton and Mill,	166.5	323.7	108.02
Clark,†	Between Purchase and State,			66.41
Clark,	Between County and Mt. Pleasant,	1,260.9	3,206.1	1,614.98
Clinton,	Between Cottage and Ash,	577.	1,166.9	556.99
Coffin avenue,	East of Belleville avenue,	1,372.5	4,964.2	2,621.72
Coffin avenue,	Between Belleville and Acushnet avenues,	1,038.5	2,886.1	1,412.72
Columbia,	Between Clay and Allen,	509.	1,357.	696.81
County,	Between Cove road and Cove street,	407.5	1,167.2	485.40
County,	Square at Middle,	40.	176.	121.51
County,	Square at Kempton,	40.	176.	90.62
County,	Square at Mill,	40.	176.	73.30
Emerson,	Between Arnold and Union,	629.	1,223.	567.56
Foster,	Between Middle and High,	335.	807.7	307.04
Gifford,	East of Harbor,	268.6	725.9	243.75
Grinnell,	Square at Fourth,	32.5	85.8	43.63
Hathaway road,	Between Mt. Pleasant street and Shawmut avenue,	1,685.	3,304.1	1,485.81
Hathaway road,	West of Shawmut avenue,	1,450.	2,900.	1,316.28
Hathaway road,	Between Rockdale avenue and town line,	2,923.	6,170.7	3,342.21
Hickory	Between Dartmouth and Ward,	279.5	580.1	214.64

## MACADAM NEW—Continued.

STREET.	LOCATION.	LENGTH.	Area. Sq. Yards.	COST.
Hill,	Between Kempton and Mill,	148.	312.4	119.53
Hill,	Between Mill and North,	203.	399.2	156.44
Hill,	Between North and Hillman,	272.	544.	195.83
Locust,	Between Chestnut and Cottage,	245.	538.8	254.72
Locust.	Between Cottage and Cedar,	326.	655.3	253.75
Margin,	Between Cove road and Cove street,	408.8	817.6	315.00
Palmer,	Between Elm and Kempton,	540.5	1,020.9	400.96
Park,	Between Kempton and Maxfield,	1,000.	2,850.8	1,077.82
Parker,	Between Park street and Rockdale avenue,	398.3	832.	277.92
Richmond,	Between Parker and Maitland,	758.	1,500.8	602.69
Robeson,	Between Ashland and Chestnut.	294.	588.	279.68
Stapleton,	Between Cove road and Cove street,	234.5	612.3	244.43
Tarklin Hill road,	West of Acushnet avenue,	128.	344.7	126.27
Ward,	Between Hickory and Allen,	537.	1,166.5	434.05
Willis.†	Between Shawmut avenue and Park street,	477.4	928.2	305.45
		22,427.2	52,101.7	\$24,417.11

\*Begun in 1898.

†Unfinished.

Cost per square yard, \$ .463

Cost per foot, 1.007

Average tons of stone per square yard, .431

## MACADAM REBUILT.

STREET.	LOCATION.	LENGTH.	Area. Sq. Yds.	COST.
Acushnet avenue, Allen, Coggeshall, County, Cove,* Cove, Dartmouth, Fifth, Fifth, Foster, Hawthorn, High, High, Hillman, Kempton, Kempton, Kempton, Linden, Maxfield, Middle, Mill, Mill, Mt. Pleasant, North, Pleasant, Rivet, Rockdale avenue, Russell,	North and south of Tarklin Hill road, Between County and Green, Between Bridge and Acushnet avenue, Square at Smith, Between Ashley and County, Between Ashley and County (new), Between Oak and Hickory, Between Bedford and Russell, Between Walnut and Spring, Between High and North, Between Page and Tremont, Between Purchase and Pleasant, Between Foster and County, Between Purchase and Pleasant, Between Purchase and Pleasant, Between Foster and County, East of town line, Between Purchase and Pleasant, Between Purchase and Pleasant, Between Second and Acushnet avenue, Between Purchase and Pleasant, Between Pleasant and County, Between Mt. Vernon street and Fall River railroad, Between Hillman and Foster, Between Hillman and Willis, Between Orchard street and Bolton road, South of Hathaway road, Between Fifth and Sixth,	308.9 382. 1,804. 100. 1,844.7 1,819. 101. 318. 626.5 463. 372.4 196. 736. 203. 200. 705. 805.5 180.5 205. 195. 201. 883. 4,076. 313.4 1,203. 193.5 1,476. 218.	1,092.2 933.7 5,011.4 338.1 4,922. 3,378.6 221.8 636. 1,232.4 995.6 993.1 326.6 1,172.6 399.2 400. 1,355.2 1,305.2 507.4 410. 368.3 402. 117.23 1,744.8. 8,244. 613.8 2,451.3 548.2 3,373.4 411.2	\$400.04 334.30 2,285.47 95.05 5,103.24 71.90 223.93 446.08 382.07 334.93 123.25 389.31 155.36 129.96 409.09 557.86 173.25 131.93 138.74 179.16 3,013.84 162.60 617.47 153.75 1,178.13 195.14

## MACADAM REBUILT—Continued.

STREET.	LOCATION.	LENGTH.	Area Sq. Yds.	COST.
School, Second, Shawmut avenue, Sixth, Smith, Sycamore, William.	Between Fourth and Sixth, Between Grinnell and Howland, Between Parker and Robeson, Between Grinnell and Wing, Square at Chestnut, Between State and County, Between Sixth and County,	429.6 521. 1,224. 547.3 100. 586. 693.5	859.2 1,063.1 2,342.7 1,577.5 155.6 1,395.6 1,598.3	297.99 360.12 828.50 385.27 54.28 357.43 436.76
		24,230.8	52,500.1	\$20,773.43

\*Laid in widening of Cove street.

Cost per square yard, \$ .354  
 Cost per foot, .761  
 Average tons of stone per square yard, .317

## MACADAM REPAIRED.

Total cost, \$1,186.97



## PAVING, NEW.

STREET.	LOCATION.	ASPHALT BLOCK.		GRANITE BLOCK.		COST.
		Length. Feet.	Area. Sq. Yds.	Length. Feet.	Area. Sq. Yds.	
Elm,** Front, Pleasant, Purchase Purchase*, Purchase,† Purchase, Wamsutta,	Between Sixth and Summer, North of Wamsutta,			946	1,920	\$3,872.04
	Between Union and William, Between Elm and Kempton,	314	1,504	246	610	1,668.35
	Between Elm and Maxfield, Between Kempton and Maxfield,	583	866			3,977.20
	East side, between Austin and Weld, Between Front street and Acushnet ave.,	1,044	1,544	1,667	2,370	2,386.49
				631	802	2,607.95
				864	2,400	2,091.60
		1,941	3,924	4,354	8,102	6,563.72
						\$23,167.35

\*In car tracks—blocks furnished by Union Street Railway Co.

†Cost under Purchase street widening.

Total cost of granite block paving, \$16,803.66  
 Cost per square yard concrete foundation, 2.71  
 Total cost asphalt, 10,643.86  
 Cost per square yard, 2.71  
 \*\*Cost per square yard sand foundation, 2.03

## PAVING REPAIRED.

Cobble paving, \$6,251.01  
 Cost per square yard, .264  
 Asphalt paving, (paid by Water Works), 375.54  
 Cost per square yard, .877

## FILLING AND GRADING.

STREET.	LOCATION.	COST.
Acushnet ave.	At Lund's corner,	\$110.90
Bolton road,	North of Rockland,	921.47
Bonney,	South of Rivet,	160.93
Bullard,	Between Belleville ave. and Front street,	112.02
Chancery,	Between Court and Kempton,	136.16
Clinton,	Between Cottage and Chancery,	180.42
Coffin ave.,	East of Belleville ave.,	157.91
Collette,	East of Acushnet ave.,	264.88
Dudley,	Between Brock ave. and W. French ave.	264.69
Edward,	West of Dartmouth,	152.01
Fair,	Between Bonney and Orchard,	272.29
Fair,	East of Bolton road,	296.84
Front,	Between Phillips ave. and Belleville road,	479.30
Hathaway rd.,	Between Mt. Pleasant st and Shawmut av.	915.01
Hathaway rd.,	West of Shawmut ave.,	175.86
Hathaway rd.,	West of Rockdale ave.,	174.52
Highland,	North of Mt. Vernon,	118.30
Holly,	Between Belleville ave. and Front street,	266.65
Holly,	West of Acushnet ave.,	517.84
Howland dock,		2,916.58
Independent,	West of County,	149.73
Jenney,	Between Court and Kempton,	402.80
Keene,	West of Park,	329.42
Kenyon,	Between Belleville ave. and Front street,	509.16
Nash road,	Between Acushnet av. and Mt. Pleasant st.	139.36
Norman,	East of Brock ave.,	289.34
North,	Foot of,	146.88
Pierce,	Between Court and West Elm,	255.53
Plainville rd.,		323.83
Popes Island,		657.41
Potomska,	Foot of,	642.39
Ruth,	West of E. French ave.,	386.50
Scott,	West of County,	413.25
Shawmut ave.,	North of Hathaway road,	353.92
South,	Between County and Crapo,	129.99
Stapleton,	Between Cove road and Cove street,	283.20
Tarkiln Hill rd.		108.78
Trinity,	West of Cedar,	414.49
Valentine,	Between Brock ave. and W. French ave.,	266.27
Wall,	Foot of,	1,660.77
Washburn,	Foot of,	349.87
Whitman,	Between Front street and Acushnet ave.,	296.66
Wilson,	Between Austin and Durfee,	133.75
Sundry streets,	Costing less than \$100,	3,553.63
		\$20,791.51
Deducted because charged to collecting ashes,		\$8,327.42
Deducted because charged to street cleaning,		1,512.56
Deducted because charged to cleaning catch-basins.		1,563.71
		11,403.69
		\$9,387.82

## GUTTERS, NEW.

STREET.	LOCATION.	LENGTH.	AREA. SQ. YDS.	COST.
Ashley,	Both sides, south of Cove,	402	134	\$77.67
Belleville ave.,*	Both sides, between Coggeshall and Sawyer,	749	249	116.36
Belleville ave.,	Both sides, between Bullard street and Coffin ave.,	1,057	392	233.46
Borden,	West side, north of Coffin ave.,	72	28	16.59
Bullard,	South and West sides, between Dartmouth and Allen,	602	234	130.72
Bullard,	South side, between Belleville ave., and Front street,	576	224	147.58
Bullard,	Both sides, between Front street and Acushnet ave.,	617	245	151.43
Chancery,	Both sides, between Acushnet ave., and Bowditch street,	1,194	405	182.18
Coffin ave.,	Both sides, between Hawthorn and Arnold,	1,312	436	202.56
Columbia,	Both sides, east of Belleville ave.,	2,321	910	447.65
County,	East side, between Clay and Bay,	303	114	86.10
Cove road,	Both sides between Cove road and Cove street,	916	342	147.37
Cove,	North side, between County and Margin,	159	53	24.34
Cove,†	Both sides, east of Water,	1,813	604	302.18
Dudley,	Both sides west of Water,	1,448	563	381.79
Emerson,	Both sides, between Brock ave., and W. French ave.,	2,368	920	524.74
Florence,	West side, between Kempton and Mill,	168	59	21.12
Foster,	East side, between Elm and Kempton,	220	73	32.10
Front,	Both sides, between Middle and High,	435	145	40.44
Front,	West side, between Gifford and Delano,	379	128	74.94
Front,	East side, foot of Logan,	55	18	8.25
Grape,	Corners of Coffin ave.,	81	31	18.42
Hathaway road,	Both sides, west of Oak,	1,110	384	159.17
Hathaway road,	Both sides, east of Shawmut ave.,	1,197	465	228.59
Hathaway road,	Both sides, west of Shawmut ave.,	2,900	1,350	1,482.85
Hickory,	Both sides, west of Rockdale ave.,	5,863	2,410	434.61
	South side, between Dartmouth and Harrison,	225	75	26.87

GUTTERS, NEW — *Continued.*

STREET.	LOCATION.	LENGTH.	AREA. SQ. Yds.	COST.
Hickory,	South side, west of Harrison,	50	19	6.55
Hill,	West side, between Mill and North,	230	76	30.10
Jenney,	Both sides, between Court and Kempton,	2,020	673	287.18
Keene,	Both sides, west of Park,	898	299	142.34
Locust,	Both sides, between County and Chestnut,	1,133	433	216.40
Margin,	Both sides, between Cove road and Cove street,	746	267	119.89
Newton,	Both sides, between Mill and North,	350	116	47.54
North,	Both sides, between Ash and Newton,	1,704	618	250.60
Nye,	North side, between Acushnet ave., and Bowditch street,	309	103	39.05
Park,	Both sides, between Kempton and Keene,	1,808	615	312.78
Richmond,	Both sides, between Parker and Maitland,	1,414	478	209.97
Stapleton,	Both sides, between Cove road and Cove street,	535	208	59.43
State,	Both sides, between Austin and Linden,	741	182	121.66
Ward,	Both sides, between Hickory and Allen,	275	106	49.96
Washburn,*	South side, between Front street and Belleville ave.,	759	302	111.03
Willis,	Both sides, Chancery and Park,	510	215	105.74
		42,024	15,701	\$7,810.30

\*Partly rebuilt.

+Concrete.

Cost per square yard,	\$ .49
Cost per foot length and average width,	.182
Cost per square yard concrete,	.678
Cost per foot length and average width,	.263

## GUTTERS REPAIRED.

Total cost,	\$2,187.37
Length in feet,	12,269.7
Area in square yards,	4,952.3
Cost per foot,	\$ .097
Cost per square yard,	.24

## CURBING, NEW.

STREET.	LOCATION.	LENGTH. Feet.	COST.
Acushnet ave.,	East side, between Rivet and Potomaska,	250.1	\$140.91
Acushnet ave.,	West side, between Nye and Bullard,	194.0	106.38
Acushnet ave.,	East side, north of Bullard,	42.2	26.26
Ashley,	Both sides, south of Cove,	406.0	210.20
Belleville ave.	Both sides, between Coggeshall and Sawyer,	1,274.4	692.86
Belleville ave.,	East side, between Deane street and Coffin ave.,	16.6	8.33
Bolton road,	West side, north of Rivet,	50.2	27.57
Bullard,	Both sides, between Acushnet ave., and Bowditch street,	939.5	488.42
Chestnut,	West side, between Smith and Campbell,	337.0	105.37
Coffin,*	North side, between Water and First,	135.7	56.91
Coggeshall,	Both sides, between Cotter street and Acushnet ave.,	777.2	430.75
Cove,	Northwest corner of Harbor,	4.2	2.85
Cove,	Northeast corner of Morton court,	12.5	6.55
Cove,	South side, east of Water,	516.5	431.10
Cove,	South side, between Water and County,	1,286.0	566.89
Emerson,	West side, between Arnold and Union,	37.9	21.31
Emerson,	West side, between Kempton and Mill,	146.4	78.36
Florence,	East side, between Elm and Kempton,	218.5	112.94
Front,	West side, between Gifford and Delano,	365.7	208.27
Front,	West side, north of Wamsutta,	90.8	46.80
Front,	East side, between Nye and Bullard,	111.4	57.43
Grape,	Both sides, between Oak and Short,	1,041.3	528.56
Hazard,	North side, between Purchase and Pleasant,	112.5	63.75
Hazard,	North side, between Pleasant and County,	592.2	313.42
Hill,*	West side, between Mill and North,	194.3	86.26
Keene,	South side, between Park and Liberty,	320.4	159.72
Locust,	South side, between County and Summer,	162.7	90.56
Margin,	East side, south of Cove,	2.0	1.40



## CURBING, NEW—Continued.

STREET.	LOCATION.	LENGTH. Feet.	COST.
McGunk, Mill, Newton, Nye, Nye, Pope, Richmond, Rivet, Rivet, Robeson, Salisbury, Shawmut ave., State, State, Summer, Summer, Viall, Wamsutta, Ward, Wilson,	Both sides, south of Cove, South side, between Emerson and Chancery, West side, between Mill and North, North side, east of Front, North side, between Acushnet ave. and Bowditch street, South side, west of Summer, East side, between Parker and Locust, North side, west of Bonney, North side, between Briggs street and Bolton road, North side, west of Bolton road, North side, west of Cedar, Both sides, south of Cove street, Northwest corner of Tilton, Both sides, between Merrimac and Hazard, Both sides, between Hazard and Austin, Both sides, between Austin and Linden, West side, between Parker and Pope, East side, south of Locust, Both sides, south of Cove, North side, between Front street and Acushnet ave., East side, between Hickory and Bay, West side, between Austin and Durfee,	21.2 55.7 82.2 107.0 297.0 98.3 68.6 100.5 54.4 54.5 44.4 22.2 12.5 576.3 717.0 129.8 206.1 31.5 37.1 744.2 189.0 122.1	9.17 29.88 41.51 61.29 159.69 46.50 44.73 58.76 18.54 33.42 25.23 10.27 6.88 286.79 379.49 71.10 108.11 16.46 16.54 430.58 103.35 63.59
		13,403.8	\$7,092.01

\* Laid with old stone.



## CURBING, NEW—Continued.

Cost per foot,	\$ .531
Cost per foot of stone,	.42
Cost per foot of labor,	.111
Cost curbing, new, with old stone,	.433
Length feet curbing, new, with old stone,	330.
Total cost new curbing,	\$6,948.84

## CURBING RELAID

Total cost,	\$1,222.34
Cost per foot relaid with new stone,	.496
Cost per foot relaid with old stone,	.115
Length feet curbing relaid with new stone,	523.
Length feet curbing relaid with old stone,	1,988.

## CONCRETE, NEW.

STREET.	LOCATION.	AREA. Square Yards.	COST.
Acushnet ave..	West side, between Nye and Bullard,	172.58	\$66.32
Acushnet ave.,	East side, north of Bullard,	54.36	27.38
Allen,	North side, east of Cottage,	39.67	25.50
Bullard,	North side, east of Acushnet avenue,	94.11	28.59
Bullard,	South side, between Acushnet ave. and Bowditch street,	663.00	208.53
Coffin,*	North side, between Water and First,	111.16	30.76
Coggeshall,	South side, between Belleville ave. and Front street,	502.57	147.48
County,	West side, south of Division,	81.32	34.83
Elm,	South side, west of Palmer,	69.92	21.63
Emerson,	West side, south of Union,	31.56	11.75
First,	West side, between Delano and Blackmer,	71.75	30.04
First,*	East side, between Coffin and Madison,	131.77	34.93
Hazard,	North side, between Pleasant and State,	435.27	187.39
Hazard,	North side, between State and County,	495.53	161.79
Locust,	South side, west of County,	84.25	43.76
Locust,	South side, between Cedar and Richmond,	47.36	20.81
Middle,	South side, east of Purchase,	71.60	36.96
Mill,	South side, west of Purchase,	69.60	31.11
Nye,	North side, west of Acushnet ave.,	341.28	149.82
Orchard	East side, north of Grinnell,	44.85	22.50
Palmer,	West side, south of Elm,	39.86	12.32
Palmer,	West side, between Elm and Kempton,	34.31	23.14
Pope,	South side, west of Summer,	64.30	24.87
Reed,	West side, between Elm and Kempton,	108.96	56.20
Richmond,	East side, between Parker and Locust,	422.90	125.18
Rivet,	North side, east of Bolton road,	78.22	44.85
Sixth,†	East side, between Union and Market,	95.54	40.25
State,	Both sides between Austin and Linden,	700.7	278.98

## CONCRETE, NEW—Continued.

STREET.	LOCATION.	AREA. Square Yards.	COST.
Summer, Water,*	West side, between Parker and Pope,	188.46	73.62
	West side, between Coffin and Madison,	118.52	22.64
		5,465.28	\$2,023.93

\*Tar furnished by Gas Company.  
†30 square yards rebuilt.

Cost per square yard, \$ .378

## CONCRETE REPAIRED.

Total cost, \$1,653.50  
 Area in square yards rebuilt, 2,256.8  
 Cost per square yard, \$ .421  
 Area in square yards, top coat, 643.7  
 Cost per square yard, \$ .219

## RECAPITULATION—HIGHWAYS AND STREETS.

## GROSS EXPENDITURES.

Macadam, new,	\$24,417.11
Macadam, rebuilt,	20,773.43
Macadam, repaired,	1,186.97
Filling and grading,	9,387.82
Curbing, new,	7,092.01
Curbing, relaid,	1,222.34
Gutters, new,	7,810.30
Gutters, repaired,	2,187.37
Concrete sidewalks, new,	2,023.93
Concrete sidewalks, repaired,	1,653.50
Gravel and cinder sidewalks,	3,646.54
Paving, new,	23,197.35
Paving, repaired,	6,626.55
Flagging, new and repaired,	1,301.54
Crosswalks, new and repaired,	929.93
Fence, Acushnet avenue,	163.73
Building wall, Acushnet avenue, north of Nye's lane,	58.10
Bicycle track East and West French avenues,	1,296.28
Building wall Front street, north of Grinnell,	17.43
Building bridge Phillips' road,	39.09
Moving fence Belleville avenue,	36.07
Collecting ashes,	10,128.02
Sweeping and cleaning streets,	11,089.47
Filling holes in streets,	684.20
Removing snow and ice,	5,069.31
Sanding icy walks,	133.30
Picking up small stones,	65.13
Carting stock to city yard,	285.62
Labor handling stock,	6.47
Stable yard work,	577.49
Stable office expenses and salaries,	2,028.79
Main office expenses and salaries,	5,897.72
Janitor,	270.00
Registration clerk,	69.88
Repairs to buildings,	265.37
Carriage hire,	59.25

New scales and labor setting up,	440.54
Printing and binding reports,	22.89
Expenses to Toronto convention,	225.00
Bills for appraising damages,	95.00
Wharfage on curbing, etc.,	533.50
Lanterns, globes, etc.,	50.53
Miscellaneous items,	417.41
Half-holiday,	3,309.42
Stock, labor and teaming charged at cost,	12,761.71
Stock on hand December 4, 1899,	4,527.87
	<hr/>
	\$174,081.28

## CR.

Appropriation,	\$135,000.00	
Credits for work done,	19,000.58	
Stock on hand Dec. 3, 1898,	8,186.95	
Excise tax on Street Railway Companies,	4,038.11	
Transfer to balance,	7,855.64	
	<hr/>	
		\$174,081.28

## NET EXPENDITURES—HIGHWAYS AND STREETS.

Appropriation,	\$135,000.00	
Excise tax on Street Railway Companies,	4,038.11	
Transfer to balance,	7,855.64	
	<hr/>	
		\$146,893.75

## HIGHWAYS AND STREETS.

## CENTRE CRUSHER.

1,347 tons of stone, at 35.95 cents per ton.

4,063 tons of stone, at 46.10 cents per ton.

8,785 tons of stone, at 53.19 cents per ton.

12,971 tons of stone, at 43.19 cents per ton.

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27,166 tons of stone crushed at an average cost of 22.15 cents per ton exclusive of the cost of the stone.

## PORTABLE CRUSHERS.

## ROCKDALE AVENUE SOUTH OF THE HATHAWAY ROAD.

197 tons of stone, at 17.16 cents per ton.

5,900 tons of stone, at 50.06 cents per ton.

## MT. PLEASANT STREET SOUTH OF HATHAWAY ROAD.

172 tons of stone, at 10.99 cents per ton.

1,267 tons of stone, at 53.29 cents per ton.

9,060 tons of stone, at 43.29 cents per ton.

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16,596 tons of stone crushed at an average cost of 25.74 cents per ton exclusive of the cost of the stone.

## DUNBAR STREET WEST OF BOLTON ROAD.

900 tons of stone, at 41.15 cents per ton.

3,722 tons of stone, at 42.40 cents per ton.

7,373 tons of stone, at 52.40 cents per ton.

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11,995 tons of stone crushed at an average cost of 22.07 cents per ton exclusive of the cost of the stone.

## STABLE AND TEAMING ACCOUNT.

Stock on hand December 3, 1898, (horses, teams, harnesses, hay, grain, straw, etc.,)	\$12,329.75
Gross cost for 1899,	34,632.65
	<hr/>
	\$46,962.40
Received from Water Works, (board of horses,)	\$1,048.00
Received for dressing,	459.88
Received for pigs,	129.00
Received from sundry persons,	26.75
Stock on hand December 4, 1899,	12,797.73
	<hr/>
	\$14,461.36
Cost of teaming, including repairs of carts,	32,501.04
Charge for work teams have done,	31,789.86

## DEPARTMENT HORSES.

Working horses,	40
Driving horses,	3
Total,	<u>43</u>

## CARTS IN USE.

Double carts,	17
Single carts,	17
Express wagons,	3
Total,	<u>37</u>

## EXTRA CARTS, ETC.

Sundown,	1
Light driving wagons,	3
Open buggy,	1
Goddard buggy,	1
Water carts,	2
Jigger,	1
Single gear,	1
Derrick gears,	2
Sleighs,	2
Road scrapers,	2
Street sweepers,	1
Total,	<u>17</u>

## BLACKSMITH SHOP.

Stock on hand, December 3, 1898,		\$1,275.81
Gross cost for 1898,		<u>3,253.36</u>
		\$4,529.17
Charged to sewers,	\$227.46	
General sewers,	459.06	
Sundry persons and departments,	184.76	
Stock on hand, December 4, 1899,	<u>1,536.04</u>	
		\$2,407.32
Cost of blacksmithing to highways and streets,		2,121.85



PERMITS GRANTED BY THE BOARD IN 1899  
ARE AS FOLLOWS:

Obstructing sidewalks,	126
Disturbing the surface of the streets,	129
Locations of poles,	163
Signs,	74
Hitching posts,	38
Awnings,	7
Flag poles,	3
Flags,	1
Planting trees,	31
Building obstructions,	2
Moving buildings,	21
Barbers' poles,	1
Drains,	421
	<hr/>
	1,017

## HIGHWAYS AND STREETS.

	1894.	1895.	1896.	1897.	1898.	1899.
Macadam, new,	\$8,980.70	\$15,120.72	\$14,939.84	\$26,095.02	\$21,652.17	\$24,417.11
Macadam, repaired,	4,486.72	5,892.34	529.48	1,289.19	1,504.20	1,186.97
Macadam, rebuilt,	11,055.19	5,778.19	17,245.91	6,776.42	17,158.36	20,773.43
Streets filled and graded,	19,771.51	13,702.96	17,802.55	29,286.35	30,157.63	9,387.82
Curbing, new and relaid,	4,364.89	7,433.42	12,652.55	14,471.13	14,818.59	8,171.18
Gutters, new,	1,758.75	4,486.01	7,577.69	7,633.08	11,903.24	7,810.30
Gutters, repaired,	3,238.71	901.36	1,946.53	778.87	1,502.05	2,187.37
Concrete sidewalks, new,	2,288.84	3,142.06	4,194.62	4,018.96	1,821.92	2,023.93
Concrete sidewalks, repaired,	1,987.82	860.38	830.20	1,313.32	999.33	1,653.50
Gravel and cinder sidewalks,	4,965.23	6,286.95	4,355.31	5,109.00	6,099.03	3,646.54
Paving, new,	2,806.81	8,456.51	4,908.79	12,573.83	16,027.71	27,477.52
Paving, repaired,	7,934.11	3,182.74	3,124.82	3,299.17	1,311.13	6,626.53
Flagging, repaired,	2,522.48	1,503.05	1,515.99	1,412.64	1,691.61	1,301.54
Crosswalks, new and repaired,	1,269.94	1,046.47	804.56	569.73	553.72	929.93
Sweeping and cleaning streets,	7,002.15	7,409.40	5,176.86	11,250.60	9,106.06	11,089.47
Removing snow and ice,	334.98	479.23	2,009.17	1,697.33	7,422.25	5,202.61
Collecting ashes,	7,515.43	8,201.74	8,722.80	8,998.60	9,976.42	10,128.02
Trimming trees,	743.56	446.99	372.03	507.70	809.00	685.24
Filling holes in streets,	1,000.14	766.09	614.80	1,321.03	993.60	684.20

## HIGHWAYS AND STREETS.

MACADAM.	1894.	1885.	1886.	1897.	1898.	1899.
New:—						
Length in feet,						
Area in square yards,	5,751	15,871	17,995	24,364	26,458	22,427
Tons of stone used,	12,306	34,506	38,829	39,058	58,134	52,101
Total cost,	6,765	11,770	14,405	24,092	22,044	22,456
Cost per square yard,	\$8,980.00	\$15,120.72	\$14,939.84	\$26,095.02	\$21,652.17	\$24,417.11
Av. tons of stone used per sq. yd.,	\$.633	\$.438	\$.384	\$.441	\$.389	\$.463
	.466	.341	.371	.408	.394	.431
Rebuilt:—						
Length in feet,						
Area in square yards,	10,992	6,230	21,808	9,139	24,510	24,230
Tons of stone used,	22,142	13,014	43,019	19,375	53,205	52,500
Total cost,	8,588	4,689	15,486	6,304	16,843	14,011
Cost per square yard,	\$11,055.00	\$5,778.19	\$17,245.91	\$6,776.42	\$17,158.36	20,773.43
Av. tons of stone used per sq. yd.	\$.499	\$.433	\$.40	\$.35	\$.315	\$.354
	.387	.359	.36	.325	.388	.317
Repaired:—						
Total cost,	\$4,486.00	\$5,892.34	\$529.48	\$1,289.19	\$1,564.20	\$1,186.97

## HIGHWAYS AND STREETS.

PAVING.	1894.	1895.	1896.	1897.	1898.	1899.
Granite block on gravel :— Area in square yards, Cost, Cost per square yard,	1,445 \$2,677.64 \$2.049	1,447 \$2,992.45 \$2.067	30 \$55.34 \$1.854			1,920 \$3,872.04 \$2.03
Granite block, concrete foundation : Area in square yards, Cost, Cost per square yard,		1,389 \$4,361.47 \$3.138	1,242 \$3,117.58 \$2.51	3,743 \$8,593.77 \$2.295	6,563.62 \$15,596.36 \$2.37	8,102 \$16,803.66 \$2.71
Block asphalt :— Area in square yards, Cost, Cost per square yard,				1,088 \$2,807.88 \$2.58		3,924 \$10,643.86 \$2.71
Cobble :— Area in square yards, Cost, Cost per square yard,	401 \$129.17 \$ .366	2,632 \$7,102.59 \$ .418	3,679 \$1,074.16 \$ .542	3,314 \$1,172.18 \$ .405	1,119.9 \$431.35 \$ .385	

## HIGHWAYS AND STREETS.

GUTTERS.	1894.	1895.	1896.	1897.	1898.	1899.
New:—						
Length in feet,	11,233	23,747	39,760	40,824	65,186	42,024
Average width,	3.94	3.47	3.30	3.4	3.3	3.3
Area in square yards,	4,929	9,153	15,715	15,448	23,718.88	15,701
Cost,	\$2,720.94	\$4,486.01	\$7,577.69	\$7,633.08	\$11,903.23	\$7,810.30
Cost per square yard,	.552	.497	.482	.489	.501	.49
Cost per foot in length, of average [width,	.242	.192	.19	.185	.182	.182
Repaired:—						
Length in feet,	17,728	6,375	8,088	2,211	8,979.4	12,270
Area in square yards,	6,744	2,517	3,093	774	3,075.9	4,952
Cost,	\$2,276.52	\$901.36	\$1,946.53	\$778.87	\$1,502.05	\$2,187.37
Cost per square yard,	.322	.257	.384	.305	.281	.24
Cost per foot in length,	.128	.141	.147	.107	.096	.097

## HIGHWAYS AND STREETS.

CURBING.	1894.	1895.	1896.	1897.	1898.	1899.
New:—						
Length,	4,193	11,040	23,583	27,429	31,097.20	13,410
Cost,	\$2,684.38	\$6,662.44	\$11,973.77	\$13,152.64	\$14,108.14	\$7,092.01
Cost per foot,	.64	.603	.51	.481	.448	.531
Cost of stone per foot,	.47	.43	.35	.325	.30	.42
Cost per foot for labor,	.17	.173	.16	.156	.148	.111
Relaid with new curbing:—						
Length:—	1,855	1,077	301	1,024	1,154.65	523
Cost per foot,	\$ .686	\$ .619	\$ .512	\$ .52	\$ .441	\$ .496
Relaid with old curbing:—						
Length,	2,023	521	3,099	1,657	1,493.45	1,988
Cost per foot,	\$ .117	\$ .093	\$ .115	\$ .139	\$ .098	\$ .115

## HIGHWAYS AND STREETS.

CONCRETE.	1894.	1895.	1896.	1897.	1898.	1899.
New :—						
Area in square yards,	4,901	7,431	11,323	9,742	6,449	5,465
Cost,	\$2,288.84	\$3,142.06	\$4,194.62	\$4,018.96	\$1,821.92	\$2,023.93
Cost per square yard,	.478	.422	.374	.422	.358	.378
Rebuilt :—						
Area in square yards,	1,982	1,451.87	1,255	3,257	2,215	2,257
Cost per square yard,	\$ .441	\$ .355	\$ .292	\$ .311	\$ .371	\$ .421
Top coat :—						
Area in square yards,	4,495	\$1,024.76	697	579	219	644
Cost per square yard,	\$ .19	\$ .219	\$ .249	\$ .256	\$ .264	\$ .219



## WIDENING ACUSHNET AVENUE.

From Tarkiln Hill road southerly.

Award of damages, \$150.00

CR.

Appropriation, \$150.00

## WIDENING ACUSHNET AVENUE.

Lund's Corner to Ball's Corner.

Land damages, \$781.52

Moving buildings, fences, etc., 1,633.77

Grading, 3,036.91

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\*\$5,452.20

CR.

Appropriation, \$5,475.00

Expended, 5,452.20

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Transferred, \$22.80

\*One-half cost paid by N. B., Middleboro &amp; Brockton St. Railway Co.

## WIDENING KEMPTON STREET.

Rockdale avenue to Chepatchet lane.

Award of damages, \$1,175.00

CR.

Appropriation, \$1,175.00

## WIDENING KEMPTON STREET.

Rockdale avenue to Dartmouth line.

Land damages, \$156.00

Grading, 1,407.76

Culvert, 195.64

Moving buildings, 212.22

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\$1,971.62

CR.

Appropriation, \$7,000.00

Expended, 1,971.62

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Carried forward to 1900, \$5,028.39

## WIDENING PURCHASE STREET.

Kempton street to Mill street.

Asphalt paving,	\$711.40	
Miscellaneous repairs,	136.46	
	<hr/>	\$847.86
	CR.	
Amount brought forward from 1898,		\$1,491.07
Expended,		847.86
		<hr/>
Transferred,		\$643.21

## WIDENING PURCHASE STREET.

Mill street to North street.

Asphalt paving,	\$1,013.48	
Miscellaneous repairs,	191.08	
	<hr/>	\$1,204.56
	CR.	
Amount brought forward from 1898,	\$1,282.17	
Credit received,	50.70	
	<hr/>	\$1,332.87
Expended,		1,204.56
		<hr/>
Transferred,		\$128.31

## WIDENING PURCHASE STREET.

North street to Maxfield street.

Asphalt paving,	\$2,555.29	
Miscellaneous repairs,	394.34	
	<hr/>	\$2,949.63
	CR.	
Amount brought forward from 1898,	\$2,703.33	
Transfer,	500.00	
	<hr/>	\$3,203.33
Expended,		\$2,949.63
		<hr/>
Carried forward to 1900,		\$253.70

## LAYOUT OF SOUTH STREET.

604 feet west of County street to Crapo street.

Award of damages,		\$1,100.00
	CR.	
Appropriation,		\$1,100.00

## LAYOUT OF TRINITY STREET.

Cedar street to Wilson street.

Award of damages,		\$168.40
	CR.	
Appropriation,		\$168.40

## COGGESHALL STREET BRIDGE.

Labor opening draw,	\$27.57	
Repairing, oiling and painting,	370.89	
	<hr/>	\$398.46
	CR.	
Appropriation,	\$200.00	
Transfer,	275.00	
	<hr/>	\$475.00
Expended,		398.46
		<hr/>
Transferred,		\$76.54

## NEW BEDFORD AND FAIRHAVEN BRIDGE.

Salaries of draw tender and assistant,	\$1,117.98	
Repairs,	421.89	
Paving,	27.07	
Coal, oil, salt, brooms and manila,	15.34	
	<hr/>	\$1,582.28
	CR.	
Appropriation,	\$1,500.00	
Transfer,	125.00	
	<hr/>	\$1,625.00
Expended,		1,582.28
		<hr/>
Transferred,		\$42.72

## DRAINS LAID.

NUMBER.	SIZE PIPE.	LENGTH. FEET.	COST.	AVERAGE COST PER FOOT.
94	5 inch	3,302	\$1,312.83	\$ .397
84	6 inch	3,958	1,375.28	.347
3	8 inch	350	154.36	.441
181			\$2,842.47	

45 drains repaired, cost, \$243.59

195 drains cleared, cost, 364.19

Total cost of drains, new, repaired and cleared. 3,450.25

## CATCH-BASINS, NEW.

Cost,	\$2,702.46
Number,	49
Average cost,	\$55.15
Catch-basins, discontinued,	6

## RECAPITULATION—GENERAL SEWERS.

## GROSS EXPENDITURES.

Catch-basins, built,	\$2,702.46
Catch-basins, repaired,	263.09
Catch-basins, discontinued,	4.85
Manholes, repaired,	48.13
Eyeholes, new and repaired,	78.04
Culverts and surface drains, new and repaired,	659.40
Sewer construction,	360.09
Sewers, repaired,	221.29
Blind drain, Pleasant street, north of Sycamore,	135.78
Office expenses and salaries,	1,397.45
Half-holiday,	421.94
Tools, new and repaired,	58.61
Tool-houses, repaired,	23.44
Catch-basins, cleaned,	3,854.58
Catch-basins, flushed,	22.31
Eyeholes and culverts, cleaned,	10.57
Carting stock to city yard,	39.20
Blacksmithing,	459.06
Teaming,	211.00
Flushing and clearing sewers,	41.13
Repairs to steam pump,	5.00
Marlin, brush, lantern globes,	34.65
Hose and couplings,	221.63
Labor, handling stock at city yard,	14.97
Registration clerk,	69.66
Stock furnished at cost,	2,966.17
Drains, new, repaired and cleared,	3,450.25
General repairs,	84.94
Miscellaneous items,	25.41
Insurance on boilers,	136.14
Rebate on sewer assessment,	307.67
Stock on hand, December 4, 1899,	612.15
	—————
	\$18,941.06

CR.

Appropriation,	\$12,000.00	
Credits,	7,065.65	
Stock on hand, December 3, 1898,	1,285.42	
	<hr/>	\$20,351.07
Expended,		18,941.06
		<hr/>
Transferred,		\$1,410.01

## NET EXPENDITURES—GENERAL SEWERS.

Appropriation,	\$12,000.00	
Credit balance,	1,410.01	
	<hr/>	\$10,589.99

## NEW SEWERS.

Sundry sewers built,	\$6,672.50
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CR.

Sundry appropriations,	\$8,992.60
Expended,	6,672.50
	<hr/>
Transferred,	\$2,320.10

IN BOARD OF ALDERMEN,

June 28, 1900.

Received, ordered printed in the City Documents, and  
sent down for concurrence.

D. B. LEONARD, City Clerk.

IN COMMON COUNCIL,

6 mo. 28, 1900.

Concurred.

WM. A. MACKIE, Clerk.







TABLE OF SEWER STATISTICS  
OF THE  
CITY OF NEW BEDFORD

SHOWING LOCATION, DATE OF CON-  
STRUCTION, SIZE AND MATERIAL,  
DEPTH, BRANCHES AND  
ASSESSMENT.

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COMPILED BY  
PUBLIC WORKS DEPARTMENT AND  
ENGINEERING DEPARTMENT.  
TO JANUARY 1, 1900.

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The figures in the column marked "Assessment" refer to the book and page of the Record of Sewers where the plan of land assessed may be found.

An asterisk (\*) denotes plan of a different sewer than the one described, on which land has been previously assessed.

*Italics* denote sewers built or paid for by private parties.

The order passed by the Board of Public Works, and recorded in book 7, page 86, is as follows:

CITY OF NEW BEDFORD,  
In Board of Public Works,

April 16, 1896.

ORDERED, That from and after the adoption of this order all property lying within one hundred (100) feet of streets in which sewers have been laid and paid for by private parties shall be exempt from the entrance fee of ten (10) dollars for each drain entering such private sewer; that all property lying beyond said one hundred (100) feet and unassessed on account of any sewer entering any public sewer, shall be assessed ten (10) dollars for each drain entering or connecting with said sewer. Adopted.



# DETAILS OF SEWERS CONSTRUCTED IN 1899.

STREET.	LOCATION.	SIZE AND MATERIAL.					Total length.	Greatest cut.	Average cut.	Greatest cut in ledge.	Average cut in ledge.	Cubic yards ledge.	Cubic yards earth.	Total cubic yards excavation.	Number of manholes.	RATE OF GRADE IN FEET PER 100.	Cost of labor.	Cost of labor per foot of length.	Cost of material, teaming, sharpening drills, etc.	Total cost of sewer.	Cost per foot of length.	Assessed.	Ordered.	Commenced.	Finished.
		VITRIFIED PIPE.																							
		8 inch.	10 inch.	12 inch.	15 inch.	18 inch.																			
BY SPECIAL APPROPRIATION.																									
Brook Street.	Sawyer to Holly.		334.6				334.6	12.80	12.04	9.60	2.98	58	496	554	1	1.00, 0.75	\$1,035.77	\$2.92	\$293.28	\$1,329.05	\$3.75	1-2 Assessed.	August 15.	August 21.	September 15.
Chancery and Willis Streets.	Parker to Park.		466.1				466.1	9.35	8.38				506	506	1	1.00, 3.65, 0.59	281.07	.60	111.53	392.60	.84	1-2 Assessed.	November 22, 1898.	December 13, 1898.	December 19, 1898.
Collette and Front Streets.	Davis to Acushnet Avenue.		487.5	198.2			685.7	10.86	8.46				752	752	1	0.50, 4.66	591.42	.86	221.47	812.89	1.19	1-2 Assessed.	May 15.	June 14.	June 22.
County Street, No. 19.	Pope Street north 182.9 feet.	191.8	41.0				232.8	6.94	6.05				183	183	0	1.42, 0.50	92.00	.40	47.15	139.15	.60	1-2 Assessed.	May 15.	June 26.	June 28.
County Street.	Clark's Cove to Brock Avenue.		1,158.4			112.0	1,270.4	9.58	6.25				882	882	2	10.00, 2.62, 5.00, 1.00	878.81	.69	305.28	1,184.09	.93	1-2 Assessed.	April 4.	April 15.	April 25.
Holly Street	Belleville Avenue to 100 feet east of Rowditch.		884.0	277.8	234.0		1,395.8	11.82	7.28			2	1,315	1,317	3	1.36, 4.26, 2.66, 1.66, 1.42, 0.87	880.55	.63	380.15	1,260.70	.90	1-2 Assessed.	May 10.	May 16.	May 28.
Locust Street, No. 6.	County west 275 feet.		348.6				348.6	9.18	8.67				392	392	1	0.50	227.94	.65	103.59	331.53	.95	1-2 Assessed.		July 10.	July 14.
Osmond Street, No. 8.	Rivet to 100 feet south of Thompson.		334.2				334.2	9.14	7.70				334	334	1	0.50, 1.36	225.72	.68	114.94	340.66	1.02	1-2 Assessed.	June 12.	June 30.	July 7.
Parker Street.	Park Street west 158 feet.				192.4		192.4	8.58	7.22				182	182	1	0.50	121.90	.63	84.59	206.49	1.07		August 29.	September 18.	September 21.
Sixth Street, No. 4.	Mechanics Lane north 101.6 feet.		113.0				113.0	7.05	6.45				93	93	1	0.50	53.86	.48	43.64	97.50	.86		June 12.	July 7.	July 8.
Summer Street.	Parker Street north 145.4 feet.		145.4				145.4	7.46	6.02				98	98	1	0.50	76.22	.52	58.62	134.84	.93	1-2 Assessed.	March 21.	April 26.	April 28.
Valentine Street.	Brock Avenue west 268 feet.		316.5				316.5	9.01	8.57				352	352	1	0.648	234.56	.74	96.99	331.55	1.05	1-2 Assessed.	August 29.	September 23.	September 27.
Willis Street, No. 5.	Chancery to 95 feet west of Shawmut Avenue.		147.9				147.9	8.28	8.10				155	155	1	4.06	62.60	.42	48.85	111.45	.75	1-2 Assessed.	June 12.	June 28.	June 29.
Totals,		191.8	4,797.2	476.0	426.4	112.0	6,003.4					60	5,740	5,890	15		\$4,762.42		\$1,910.08	\$6,672.50					
BY GENERAL SEWER APPROPRIATION.																									
Cedar Grove Street.	245 feet west of County to Reynolds.		130.0				130.0	12.83	12.10				175	175	1	5.75	\$303.58	2.34	\$56.51	\$360.09	2.77			November 8.	November 25.
Totals,		191.8	4,927.2	476.0	426.4	112.0	6,133.4					60	5,915	5,975	16		\$5,066.00		\$1,966.59	\$7,032.59					



# TABLE OF SEWERS, JANUARY 1, 1900.

STREET	LOCATION	DATE	PIPE	BRICK	DEPTH	ASSESSMENT
Abbott.	From 476.5 to 250 ft. s. of E. French av.	1896	10		7.5-6.3	P. Works Record 7-86
Abbott.	From 250 ft. s. of E. French av. to E. French av.	1895	10		6.3-5.3	P. Works Record 7-86
Acushnet av.	Delano to 61 ft s. of Blackmer.	1887	12		5.7	2-126
Acushnet av.	Rivet to Potomska.	1885	15		7	2-87
Acushnet av.	Potomska to Rockland.	1882	15		7.5-6.5	1-349
Acushnet av.	Rockland to South.	1882	12		6.5-5.5	1-349
Acushnet av.	From 305 ft. s. of Howland to Bedford.	1887		24		1-189
Acushnet av.	Bedford to Russell.	1857		24		1-190
Acushnet av.	Walnut n. 180 ft.	1857	10		6.5-7.2	2-184
Acushnet av.	Union n. 263 ft.	1875	14x18			1-287
Acushnet av.	Mill to North.	1854		24		1-105
Acushnet av.	From 88 ft. n. of Maxfield to 310 ft. s. of Campbell.	1885	15		7.5-7	2-90
Acushnet av.	From 410 ft. n. of Maxfield to Willis.	1877	24		6	1-292
Acushnet av.	Campbell to Willis.	1894	24		6-8	*1-292
Acushnet av.	Willis to Pearl.	1881	15			1-337
Acushnet av.	Pearl to Pope.	1881	18			1-337
Acushnet av.	Pope to Seneca.	1894 L	12		6	*2-27
Acushnet av.	Merrimac to Wamsutta.	1871		24	5	1-251
Acushnet av.	Merrimac to Logan.	1881		42	6-8.3	*1-251 & 1-314
Acushnet av.	Cedar Grove n. 60 ft.	1885	15		9-8.5	2-84
Acushnet av.	From 60 ft. n. of Cedar Grove to Coggeshall.	1895 part L	10		12.5-12	*2-84, *2-137, *3.73
Acushnet av.	Coggeshall to Bentley.	1896	10		11.5-9	3-108
Acushnet av.	At Beetle.	1895	10		12-9	3-74
Adams.	County w. 553 ft.	1897	10		8.5-9	3-156
Amshouse s. In	River to 994.8 ft. w. of E. French av.	1897	10		6.3-12.2	On City Property
Amshouse s. In	From 994.8 ft. to 1444.8 ft. w. of E. French av.	1898	10		12.2-4.2	On City Property
Allen.	Green to Bonney.	1882	12		5.6-7.7	2-12
Allen.	Bonney to Cottage.	1866-1871		54	10	Entrance fee \$20
Allen.	Cottage to 55 ft. e. of Borden.	1887	15		9-10	2-139
Arch.	Arnold n. 271.25 ft.	1895	10		6.8-8.5	3-84
Arnold pl.	Arnold st. to Rotch st.	1896	10		9.2	P. Works record 7-86
Arnold.	County to Orchard.	1890	12		10.6-11.3	2-196



TABLE OF SEWERS, JANUARY 1, 1900.—Continued.

STREET	LOCATION	DATE	PIPE	BRICK	DEPTH	ASSESSMENT
Arnold.	Orchard to Arnold pl.	1896	12		9-8.5	3-101
Arnold.	Cottage to Lincoln.	1887	15		6.5-11.5	2-131
Arnold.	Lincoln to Ash.	1871		20		1-260
Arnold.	Ash to 137 ft. w. of Chancery.	1867-1871		48	17.5-10.5	Entrance fee \$20
Arnold.	From 137 ft w. of Chancery to Park.	1881		48	10.5-11.5	Entrance fee \$20
Arnold.	Park w. 27 ft.	1883	15			2-44
Arnold.	From 27 ft. w. of Park to Tremont.	1883-1889 Part L	12		6-9	2-44
Arnold.	Tremont to James.	1889	12		9-11.5	2-188
Ash.	Bedford to Hawthorn.	1866-1871		54	8.5-10.5	Entrance fee \$20
Ash.	Hawthorn to Arnold.	1866-1871		48	10.5-17	Entrance fee \$20
Ash.	Arnold to Union.	1877	12		5	1-294
Ash.	Morgan to Elm.	1895	12		9	3-82
Ash.	Elm to Middle.	1871	16x18			1-261
Ash.	Middle to 75 ft. s. of Kempton.	1875	14x18			1-287
Ashland pl.	Linden ct. to 50 ft. e. of Ashland.	1898	10		9-8.3	3-238
Ashlev.	From 50 ft. n. of Ruth to Cove.	1897	10		6.2-9	3-178
Atlantic.	Maple to 100 ft. s. of Arnold.	1895	10		9	2-87
Atlantic.	155 ft. n. of Arnold to Union.	1888	10		7.8-7.2	2-146
Austin.	Purchase to 135 ft. e. of State.	1868		24		1-227
Austin.	From 135 ft. e. of State to County.	1868	16x18			1-227
Austin.	County to 62 ft. e. of Ashland.	1886	15		8	2-113
Austin.	90 ft. w. of Ashland to Cedar.	1886	15		8-8.5	2-106
Austin.	Cedar to 40 ft. e. of Wilson.	1883		30	9.5-8	2-42
Austin.	From 40 ft e. of Wilson to Wilson.	1884		30	8	*2-42
Austin.	Wilson to 42 ft. e. of Shawnut av.	1887	12		8.5-9	2-143
Babbitt.	Dartmouth to Field.	1891	12		11-11.5	2-238
Barkers lane.	Second to Acushnet av.	1880-84 L	12		6.5-8	Entrance \$10, *1-287 & *1-11
Bay.	From 56.50 in. of Dartmouth to 30 ft. e. of Cottage.				5.7-8.5	P. W. Record 7-86
Bay.	From Cottage w. 134 ft.	1889	8			P. W. Record 7-86
Bay.	Ward to Columbia.	1890	10		9.7-10.5	P. W. Record 7-86
Beach rd.	Bolton rd. w. about 266 ft.		6			P. W. Record 7-86

TABLE OF SEWERS, JANUARY 1, 1900.—Continued.

STREET	LOCATION	DATE	PIPE	BRICK	DEPTH	ASSESSMENT
Bedford.	Acushnet av. to County.	1857				1-195
Bedford.	Borden to Ash.	1866-1871		24	8	Entrance fee \$20
Beech.	North to Hillman.	1898	10	54	9	3-215
Beetle.	Belleville av. to w. line of Front.	1894	10		10-12	3-5
Beetle.	Howard to Acushnet av.	1892	10		12	2-308
Beetle.	Acushnet ave. to 100 ft. e. of Bowditch.	1895	10		9	2-74
Belleville av.	Kilburn to Washburn.	1896	10		4-5.8	3-126
Belleville av.	Washburn to Kenyon.	1894	24		6-6.3	3-12
Belleville av.	Kenyon to Cedar Grove.	1894	18		6.3-6.8	3-12
Belleville av.	Coggeshall s. 100 ft.	1894	10		7.3	3-61
Belleville av.	Coggeshall n. 255.50 ft.	1894	10		8-10.8	3-3
Belleville av.	Beetle s. 51.47 ft.	1892	10		10	2-286
Belleville av.	Beetle to Sawyer.	1891	10		10.3-8.7	2-248
Belleville av.	Sawyer to Holly.	1892		30	8	2-277
Belleville av.	Holly to Tallman.	1892	24		8	2-277
Belleville av.	Tallman to Nye.	1892	18		8	2-277
Belleville av.	Nye n. 147 ft.	1892	10		7.4-6.8	2-277
Belleville av.	From 147 ft. n. of Nye to Bullard.	1893	10		12.9	2-338
Belleville av.	Deane to Coffin av.	1895	15x16			3-81
Belleville av.	Coffin av. n. 400 ft.	1895	10		9	3-80
Bentley	Acushnet av. w. 371 ft.	1897	10		9	3-153
Blackburn.	Cedar Grove n. 197 ft.	1890	12		8.5	P. W. Record 7-86
Blackmer.	Acushnet River to 1118 ft. e. of Front, (12 ft.) (Iron.)	1882	16			2-19
Blackmer.	From 1118 ft to 900 ft. e. of Front.	1882	15		5.2-5	2-19
Blackmer.	From 900 ft. to 102.9 ft. e. of Front.	1882	12		5	2-19
Blackmer.	Acushnet River to Water.	1898	24		5-9.1-7.3	*2-19-2-191-*1-352
Blackmer.	Water to First.	1885 R	12		6.7-5.5	Entrance fee \$10
Blackmer.	First to Second.	1886	10		5.6	2-103
Blackmer.	Second to 48 ft. e. of County.	1887	12		5.8-6.2	2-125
Bolton rd.	Beach rd. to 36.7 ft. n. of Mill rd. No. 3.	1890	6			P. W. Record 7-86
Bolton rd.	Mill rd. No. 3 to Sidney.	1892	15		11.8-11.6	P. W. Record 7-86
Bolton rd.	Sidney to Dunbar.	1892	12		11.6	P. W. Record 7-86

TABLE OF SEWERS, JANUARY 1, 1900.—Continued.

STREET	LOCATION	DATE	PIPE	BRICK	DEPTH	ASSESSMENT
<i>Bolton rd.</i>	<i>Swift to Rivet.</i>	1892	12		12-12.5	<i>P. W. Record 7-86</i>
<i>Bolton rd.</i>	<i>Rivet n. 222 ft.</i>	1892	12		11	<i>P. W. Record 7-86</i>
<i>Bolton rd.</i>	<i>Rockland n. 175 ft.</i>	1898	10		9	<i>P. W. Record 7-86</i>
Bouney.	Across Cove rd.	1886		72	9.8	Entrance fee \$20
Bouney.	Cove rd. to 253 ft. s. of Rivet.	1894	15	72	8.2-11	Entrance fee \$20
Bouney.	From 253 ft. s. of Rivet to Rockland.	1886		72	11-12.2	Entrance fee \$20
Bouney.	Rockland to Grinnell.	1887	24		11-12	Entrance fee \$20
Bouney.	Grinnell to Allen.	1866-1871		54	12.5-10	Entrance fee \$20
Borden.	Dartmouth to Bay.	1886	15		9.5	2-117
Borden.	Bay to 39 ft. s. of Allen.	1886	12		9.5	2-117
Borden.	Bedford to 100 ft. s. of Grove.	1896	10		5.8-8	3-91
Borden.	From 100 ft. s. of Grove to Grove.	1896	10		7.5-9	3-124
Bourne.	From 100 ft. n. of Fruit to Thompson.	1897	10		7.8	3-141
Bourne.	Thompson to 100 ft. s. of Spooner.	1896	10		7.8-6	3-121
<i>Bowditch.</i>	<i>Logan to Weld.</i>	1882		30	8-9.5	<i>P. W. Record 7-86</i>
<i>Bowditch.</i>	<i>Weld to Cedar Grove.</i>	1890 L	18		9.5-7-13.5	Entrance fee \$10
<i>Bowditch.</i>	Cedar Grove to 50 ft. s. of Coggeshall.	1891	10		13-11.5	2-216
<i>Bowditch.</i>	From 50 ft. s. of Coggeshall to n. line of Beetle.	1893	10		11.4-12	2-340
<i>Bowditch.</i>	Sawyer to Holly.	1897	24		12.5-11.7	3-140
<i>Bowditch.</i>	Holly to Tallman.	1897	18		11.5-13	3-138
<i>Bowditch.</i>	Tallman north 136.50 ft.	1898	18		5.7-6.5	Temporary
<i>Briggs</i>	<i>Rockland to Fair.</i>	1898	10		9	<i>P. W. Record 7-86</i>
Brook av.	Butler to Valentine.	1897	10		9.8-9.5	3-168
Brook.	Sawyer to n. line Holly.	1899	10		12	3-267
Brownell.	Grape to 254 ft. n. of Allen.	1898		48	14.4-18.1	Entrance fee \$20
Bullard.	Belleville av. west 201.5 ft.	1893	10		6.7-12.3	2-338
Bullard.	From 201.5 ft. w. of Belleville av. to 5 ft. e. of w. line of Front.					
Bullard.	From 5 ft. e. of w. line of Front to Acushnet av.	1893	12		12.3	2-338
Bullard.	Acushnet av. to Bowditch.	1896	10		8-12	3-106
Bullock.	Austin to Trinity.	1896	10		14.8-7.8	3-128
Bullock.	Trinity to 125 ft. s. of Durfee.	1891	12		8.7-6.8	2-240
Bullock.		1891	10		6.8-7.3	2-240

TABLE OF SEWERS, JANUARY 1, 1900.—Continued.

STREET	LOCATION	DATE	PIPE	BRICK	DEPTH	ASSESSMENT
Butler.	Acushnet river to 67.5 ft. e. of E. French av. (Iron)	1895	20			3-98
Butler.	From 67.5 ft. e. to 47.5 ft. w. of E. French av.	1895	15		8.8-7.8	3-98
Butler.	From 47.5 ft. to 159.5 ft. w. of E. French av.	1895	12		8	3-98
Butler.	From 159.5 ft. to 990.3 ft. w. of E. French av.	1895-1896	10		8-14.3	3-98
Campbell.	From 990.3 ft. w. of E. French av. to Brock ave.	1897	10		14.5-8-9.2	3-166
Campbell.	Acushnet av. to Purchase.	1855		24		$\frac{1}{2}$ cost assessed
Campbell.	Purchase to State.	1867		20		1-219
Campbell.	State to Cottage.	1885	15		6.7-9.5	2-75
Campbell.	Cottage to 97 ft. e. of Cedar.	1885	12		9.5-6.5	2-75
Campbell.	Cedar w. 130 ft.	1891 L	10		12.4	*1-340
Campbell.	From 130 ft. w. of Cedar to Park.	1891 L	12		12-6	*1-339
Cannon.	Water to Acushnet av.	1856		24		1-178
Cedar.	Middle north 96 ft.		10			*1-252-*1-261
Cedar.	From Kempton to North.					*1-200, *1-254, *1-166, *2-97, *3-76
Cedar.	From 130 ft. n. of Parker to Locust.	1884	10			2-71
Cedar.	Maitland to Robeson.	1885	12		7.1-7.3	2-80
Cedar.	Robeson to Austin.	1883		36	8-9	2-40
Cedar.	Austin to 80 ft. n. of Collins.	1886	12		8.5-8.3	2-110
Cedar Grove.	Belleville av. to Cotter.	1894 R	15		6.7-7.5	*2-17 & 3-12
Cedar Grove.	Cotter to 35 ft. w. of Howard.	1882	15		7.5-6.8	2-16
Cedar Grove.	Bowditch w. 245 ft.	1882	12		6.8-7.3	2-16
Cedar Grove.	From 245 ft. w. of Bowditch to Blackburn.	1890	18		13.4-8.2	Entrance fee \$10
Cedar Grove.	Purchase to County.	1890	12		8.2-8.5	Entrance fee \$10
Cedar Grove.	Across County.	1889	18		7.5-9.5	2-171
Cedar Grove.	From County w. 245 ft.	1890	15		10.3	2-207
Cedar Grove.	From 245 ft. w. of County to Reynolds.	1890	12		10.7-12.3	2-207
Chancery.	Maple to Clinton.	1899	10		12.3-11.3	Entrance fee \$10
Chancery.	Clinton north 63 ft.	1896	10		6.5-8.2	3-115
Chancery.	Arnold north 372 ft.	1897	10		7.5-8	3-170
Chancery.	From 372 ft. to 511.7 ft. n. of Arnold.	1884	12		7.5	2-64
Chancery.		1894	10		7.4	3-17

TABLE OF SEWERS, JANUARY 1, 1900.—Continued.

STREET	LOCATION	DATE	PIPE	BRICK	DEPTH	ASSESSMENT
Chancery.	From Elm to 100 ft. s. of Kempton.	1897	10		6-9	3-134
Chancery.	Willis to 100 ft. s. of Parker.	1899	10		9	3-274
Chancery.	Parker to Tilton.	1896	10		6.8-9	3-122
Cherry.	Sixth to Seventh.	1896	10		9.2-8.8	3-97
Chestnut.	Parker to Locust.	1883		42	8-7	2-36
Chestnut.	Locust north 95 ft.	1887	12		7	2-144
Chestnut.	From 98 ft. to 168 ft. n. of Locust.	1896	12		9-8.5	3-113
Chestnut.	From 168 ft. n. of Locust to 54.5 ft. s. of Robeson.	1896	10		8.5-8	3-113
Clark.	Purchase to 53 ft. e. of County.	1881	12		7.5-6.5	1-319
Clark.	From 53 ft. e. to 19.4 ft. w. of e. line of County.	1891 L	12		6.5-9.5	*1-319
Clark.	From 19.4 ft. w. of e. line of County to 32.3 ft. e. of Reynolds.	1884	12		6.5-7.5	2-70
Clark.	From 32.3 ft. e. of Reynolds to Myrtle.	1892	10		7.5-12	2-304
Clark.	Myrtle to Mt. Pleasant.	1894	10		12-13	3-7
Cleveland.	From 50 ft. n. of Ruth to Cove.	1892	10		7.6-5.8	P. W. Record 7-86
Clinton.	County to 93 ft. e. of Orchard.	1881-1897 part L	10		8.5-10.9	Entrance fee \$10.*2-196 & *1-293
Clinton.	From 65 ft. w. of Cottage to Ash.	1889	12		9	2-170
Clinton.	From 50 ft. w. of Ash to Chancery.	1897	10		8-8.5	3-182
Clinton.	Chancery to Park.	1896	10		8.3-8	P. W. Record 7-86
Coffin av.	At outlet 12 ft.	1895	48		8	
Coffin av.	Acushnet river to Riverside av.	1895		42	8	Entrance fee \$20
Coffin av.	Riverside av. to Belleville av.	1895	24		8-11	Entrance fee \$10
Coffin av.	Belleville av. to 10 ft. e. of w. line of Front.	1895	12		8-11.6	3-26
Coffin av.	From 10 ft. e. of w. line of Front to 100 ft. e. of Bowditch.	1895	10		11.6-12	3-26
Coffin av.	From Bowditch w. 293 ft.	1885	15		8-7.5	2-92
Coffin av.	From 293 ft. w. of Bowditch to Purchase.	1885	18		8	2-92
Coffin.	Acushnet river to 320 ft. e. of Water.	1891 R	2 lines 24		8.4-4.7	Entrance fee \$20
Coffin.	From 320 ft. e. of Water to Water.	1855		30		1-123
Coffin.	From Water to Second.	1885	15		5.9-8	2-88
Coggeshall.	Acushnet river to Belleville ave.	1887	18		6.5-8.5	2-136



TABLE OF SEWERS, JANUARY 1, 1900.—Continued.

STREET	LOCATION	DATE	PIPE	BRICK	DEPTH	ASSESSMENT
Coggeshall.	Belleville av. to Acushnet av.	1887	18		8.5-12	2-137
Coggeshall.	Acushnet av. to 100 ft. e. of Bowditch.	1895	12		9	2-73
Coggeshall.	County west 250 ft.	1892	10		10.5-12	2-300
Collette.	Front to Acushnet av.	1899	10		8-9	3-260
Collins.	Glover to Cedar.	1888	12		8.5-8	2-152
Columbia.	From 50 ft. n. of Clay to Bay.	1889	10		7.7-10	P. W. Record 7-86
Columbia.	From Bay to 40 ft. s of Allen.	1889	10		10-9	P. W. Record 7-86
Commercial.	Front to Water.	1894	15		5-11	3-10
Copper.	Acushnet river to 51.60 ft. e. of Front.	1894	12		0-2.5	Entrance fee \$10
Copper.	Acushnet river to 11 ft. e. of Front.	1894	24		0-4	Entrance fee \$10
Copper.	From 11 ft. to 2.6 ft. e. of Front.	1894	15		0	Entrance fee \$10
Cottage rd.	From Bolton rd. west 395 ft.	1890	6			P. W. Record 7-86
Cottage.	Dartmouth to Bay.	1884	10			2-63
Cottage.	Allen n. 220 ft.	1866-1871		54	10-11	Entrance fee \$20
Cottage.	Grove n. 129 ft.	1896	10		8.5-8	3-124
Cottage.	Arnold to 142 ft. s. of Union.	1887	12		11.5-11	2-131
Cottage.	From 100 ft. n. of Parker to Locust.	1892	10		5-8.5	2-274
Cottage.	Locust to Robeson.	1883		42	8.5-11.5	2-38
County.	From Clarks cove to 52 ft. s. of n. line of Cove rd. (East)	1891	2 lines 24		0-6.2	2-234
County.	Cove rd to Cove st.	1891	18		3.8-7	2-234
County.	From Rivet north 219 ft.	1891	10		5	2-226
County.	From 99 ft. s. of Thompson to Rockland. (East)	1882	10		4.5-6.5	1-353
County.	Rockland to Fair.	1882	10		6.5-7	1-353
County.	Washington to Grinnell.	1875	16		6	1-279
County.	Grinnell to Sherman.			20		
County.	Wing to 127 ft. s. of Bedford.	1886	12		8-8.5	2-120
County.	Walnut to Clinton.	1881	10		8.5	Entrance fee \$10 & *1-40
County.	Walnut to Arnold.	1890	12		7.1-12.3	2-196
County.	Pope n. 183 ft.	1899	8		6	3-264
County.	Merimac to Robeson.	1896	10		8-8.8	3-114
County.	Robeson to Hazard.	1886	15		10-9.5	2-108

TABLE OF SEWERS, JANUARY 1, 1900.—Continued.

STREET	LOCATION	DATE	PIPE	BRICK	DEPTH	ASSESSMENT
County.	From 155 ft. n. of Linden to Weld.	1889	10		11.7-8.7	2-182
County.	From 115 ft. n. of Weld to Clark.	1891	10		11-9.8	2-242
County.	Cedar Grove to Peckham.	1892	15		10.5	2-285
County.	From 75 ft. n. of Peckham to Coggeshall.	1889	10		11	2-180
County.	Coggeshall to Adams.	1889	12		11.2-9.6	2-180
County.	Adams to Sawyer.	1889	15		9.6-7.8	2-180
Court.	From 146.6 ft. e. of Orchard to Cottage.	1895	10		12-8	3-24
Court.	Cottage to Park.	1892	10		8.5-12	2-292
Court.	Park to Florence.	1885	15		7.5-9	2-81
Court.	Florence to 6.2 ft. e. of Palmer.	1888	12		9-10	2-147
Cove rd.	Stapleton to Margin.	1893	18		4.5	Entrance fee \$10
Cove rd.	Margin to County.	1891	24		4.5-6.2	2-232
Cove rd.	County w. 336.6 ft.	1892	10		6	2-282
Cove.	At outlet 102 ft.	1897	18			
Cove.	From Acushnet River to 500 ft. e. of Water.	1884	18		5.3-6.4	2-54
Cove.	From 500 ft. e. of Water to Water.	1884	15		6.4-7.6	2-54
Cove.	From 100 ft. w. of Water to First.	1892	10		7	2-288
Cove.	First to Second.	1892	12		7	2-288
Cove.	Second to Margin.	1892	15		7	2-288
Crapo.	At outlet 38 ft.	1891	18	54	6.5	Entrance fee \$20
Crapo.	Cove rd. to 100 ft. n. of Katharine.	1883	18	54	8-8.3	Entrance fee \$20
Crapo.	From 100 ft. n. of Katharine to Independent.	1891	10		8.3-8.5	P. W. Record 7-86
Crapo.	From 100 ft. w. of Katharine to Rockland.	1881		54	7.3-6.7	Entrance fee \$20
Crapo.	Rockland to Grinnell.	1866-1871		54	6.7-9	Entrance fee \$20
Crapo.	Hollyhook to Stowell.	1897	10		9.5-6.2	P. W. Record 7-86
Dartmouth.	Stowell to Dunbar.	1897	10		10.5-8.8	3-160
Dartmouth.	Larch to Babbitt.	1891	12		12-11.7	2-238
Dartmouth.	Rivet to Weaver.	1896	12		12-9.2	3-103
Dartmouth.	Oak to Hickory.	1886	24		15-10.5	2-116
Dartmouth.	Hickory to Borden.	1886	15		9.5	2-116
Davis.	Riverside ave. w. 201 ft.	1895	24		6.5-7.8	Entrance fee \$10
Davis.	From 201 ft. to 375.6 ft. w. of Riverside av.	1895	18		7.8-8.8	Entrance fee \$10



TABLE OF SEWERS, JANUARY 1, 1900.—Continued.

STREET	LOCATION	DATE	PIPE	BRICK	DEPTH	ASSESSMENT
Davis.	From 375.6 ft. w. of Riverside ave. to 5 ft. e. of w. line Belleville av.	1893	18		8.8-12	Entrance fee \$10
Davis.	Belleville av. to 5 ft. e. of w. line of Acushnet av.	1893-1894	12		12	Entrance fee \$10
Deane.	Acushnet av. to 100 ft e. of Bowditch.	1896	10		12.11	3-21
Deane.	Belleville av. to 5 ft. e. of w. line of Front st.	1896	12		8-12.8	3-116
Deane.	Front to Acushnet av.	1896	10		12.5-12	3-116
Delano.	From 21 ft. w. of Front to Water.	1882	8		5.5-7	2-1
Delano.	Water to Second.	1892	10		7	2-291
Delano.	From 156 ft. e. of Acushnet av. to w. side County.	1887	12		8	2-124
Division.	From 33 ft. e. of Second to County.	1889	10		8	2-174
Division.	From w. line to 75 ft. w. of County.	1889	12		8	2-174
Division.	From 75 ft. w. of County to Crapo.	1886	12		8-4.8	2-121
Dudley.	Brock av. to Clarks Cove.	1899	10		4 & 9	3-270
Dudley.	At outlet.	1899	12			3-270
Dunbar.	Bolton rd. w. 283.3 ft.	1899	10			P. W. Record 7-86
Dunbar.	From 283.3 ft. w. of Bolton rd. to Dartmouth.	1892	10		12	P. W. Record 7-86
Durfee.	Mt. Pleasant to Wilson.	1893	10		12-12.5	*1-299
Durfee.	Wilson w. 72 ft.	1889 L	15		13-8	2-94
Durfee.	From 72 ft. w. of Wilson to Shawmut av.	1885	15		8	*2-94
Earl.	From 263 ft. to 90 ft. e. of Acushnet av.	1891 L	15		8-16.8	P. W. Record 7-86
E. French av.	From Ruth n. 488.2 ft.	1897	10		9	3-149
E. French av.	Abbott to Cove.	1897	10		7.7-5	P. W. Record 7-86
Elm.	Acushnet River to 227 ft. e. of Water.	1892	10			Entrance fee \$20
Elm.	From 227 ft. e. of Water to Purchase.	1873	30	30		1-28
Elm.	Purchase to County.	1852	30	30		1-32
Elm.	From 7 ft. w. of Summer to Ash.	1853	24	24		1-261
Elm.	Ash to Park.	1872	24	24		
Elm.	Park to Newton.	1870-1871	24	24		Entrance fee \$20
Elm.	Florence to Rounds.	1881	48	48		Entrance fee \$20
Elm.	Rounds w. 103.4 ft.	1888	10		8.5-7.2	2-164
Elm.	From 103.4 ft. w. of Rounds to Reed.	1894	10		4.1-9.4	3-20
Elm.	Arnold to 100 ft. s. of Union.	1897	10		9.4-11.2	3-146
Emerson.		1891-1892	10		10-11.3-10	2-272
					11.3-12	

TABLE OF SEWERS, JANUARY 1, 1900.—Continued.

STREET	LOCATION	DATE	PIPE	BRICK	DEPTH	ASSESSMENT
<i>Fair.</i>	<i>Briggs to 25 ft. e. of Bolton rd.</i>	1898	10		9	<i>P. W. Record 7-86</i>
<i>Field.</i>	Sears to 100 ft. e. of Dartmouth.	1892	10		7-6.5	2-297
<i>Field.</i>	Hollyhock to Stowell.	1897	10		8-10.8	3-160
<i>Field.</i>	From 88.1 ft n. of Stowell to Babbitt.	1893	10		9.2-11.6	2-336
<i>Field.</i>	Weaver to Rural Cemetery.	1896	10		9-7.5	3-103
<i>Field.</i>	<i>Grape to 53.2 ft. s. of Allen.</i>	1892	10		11	<i>P. W. Record 7-86</i>
<i>Fifth.</i>	Russell to 123 ft. s. of Madison.	1890	10		9.5-11.5	2-200
<i>First.</i>	<i>Cove n. 430 ft.</i>	1895	10		7.3-8	<i>P. W. Record 7-86</i>
<i>First.</i>	From 101 ft. n. of Delano to Blackner.	1892	10		5.5-6.5	2-301
<i>First.</i>	From 116.7 ft. n. of Blackmer to Rivet.	1892	10		5.5	2-299
<i>First.</i>	Potomaska n. 133 ft.	1886	12		5.5-4.8	Entrance fee \$10
<i>First.</i>	From 100 ft. n. of South to Grinnell.	1893	10		6-6.7	2-355
<i>First.</i>	From 45 ft. s. of Spring to 85 ft. s. of Union.	1881	10		4.4-8	1-344
<i>Florence.</i>	Court to Elm.	1884	10		8.5-10.1	2-72
<i>Florence.</i>	Elm to 200 ft. s. of Kempton.	1898 L	10		10.1-12.3	*2-72
<i>Florence.</i>	From 200 ft. to 80 ft. s. of Kempton.	1898 L	12		12.3-14-	*2-72
<i>Florence.</i>	From 80 ft. s. of Kempton to 50 ft. n. of Mill.	1898 L	10		12.5	*2-72 & P. W. Record 7-86
<i>Florence.</i>	From 50 ft. n. of Mill to Hillman.	1898 L	12		12.5-9.4	P. W. Record 7-86
<i>Forest.</i>	From Thompson s. 80 ft.	1896	10		5.5	3-127
<i>Fourth.</i>	Thompson to Potomaska.	1884	10			2-62
<i>Fourth.</i>	<i>Washington to Grinnell.</i>	1889	10		6.8-9.7	<i>P. W. Record 7-86</i>
<i>Fourth.</i>	Russell to 82 ft. s. of Madison.	1890	10			2-202
<i>Franklin.</i>	Purchase to Pleasant.	1879	15			1-285
<i>Franklin.</i>	Pleasant to County.	1879	15		6.2-7.8	1-304
<i>Front.</i>	From 100 ft. n. of Gifford to 125 6 ft. n. of Delano.	1896	10		5-7	3-111
<i>Front.</i>	From 125.6 ft. n. of Delano to Blackmer.	1889	10		6-8.3	2-191
<i>Front.</i>	From 100.6 ft. n. of Blackmer to Rivet.	1892	10		6.5	2-298
<i>Front.</i>	Potomaska to South.	1887	15		4-4.3	2-132
<i>Front.</i>	From 98 ft. n. of South to Grinnell.	1890	10		4.7-5.9	2-199
<i>Front.</i>	Grinnell to Howland.	1873		24x36		1-274

TABLE OF SEWERS, JANUARY 1, 1900.—Continued.

STREET	LOCATION	DATE	PIPE	BRICK	DEPTH	ASSESSMENT
Front.	Commercial to Union.	1894	15		6.5	3-10
Front.	Copper to 5 ft. s. of n. line of Logan.	1892	15		3.5-5.5	2-281
Front.	Logan n. 258 ft.	1892	10		5.5-7	2-279
Front.	Hicks to Washburn.	1897 R	12		8.5-11	*2-78
Front.	From 107 ft. n. of Cedar Grove to Coggeshall.	1890	10		8.5-11.5	2-206
Front.	From Coggeshall to 100 ft. s. of Beetle.	1896	10		9	3-107
Front.	Collette to Davis.	1899	12		8.5-10	3-260
Front.	Davis to Hathaway.	1898	10		8.9-8.1	3-244
Fruit.	Juniper to Dartmouth.	1890	10		10.8-12.5	2-204
Gifford.	Acushnet river to 506 ft. e. of Water.	1889	18		7.5-5	2-177
Grape.	From Oak to 85 ft. w. of Page.	1887		36	12	Entrance fee \$20
Grape.	From 85 ft. w. of Page to 12 ft. w. of Field.	1890		36	12	Entrance fee \$20
Grape.	From 12 ft. w. of Field to 15 ft. w. of West.	1891		48	12-18.7	Entrance fee \$20
Grape.	From 15 ft. w. of West to 200.8 ft. e. of Brownell. {	1892		48	18.7-25-	Entrance fee \$20
Grape.	From 200.8 ft. e. of Brownell to Brownell.	1898		48	18.3	Entrance fee \$20
Greene.	From Allen to 84 ft. s. of Bedford.	1882	12		6.4	Entrance fee \$20
Griffin.	Water to 73 ft. w. of Second.	1888	10		6-9.3	2-12
Grinnell.	Front to Second.	1873		24x36		2-160
Grinnell.	Second to County.	1873		24		1-274
Grinnell.	County to 92 ft. e. of Crapo. (Cement pipe.)	1875	14x18		6	1-276
Grinnell.	Crapo to Bonney.	1866-1871		54	9.5-12.5	Entrance fee \$20
Grinnell.	Bonney to Orchard.	1888 L	15		10.5-9.5	*1-335
Grinnell.	Orchard to the angle.	1882	12		4-5.8	2-10
Grinnell.	Angle to Dartmouth.	1882	10		5.8-7	2-10
Grit.	W. French av. to Thatcher.	1897	10		4.4-8	Entrance fee \$10 and P. W. Record 7-86
Grit.	Thatcher to Shore	1889	10		4.5	P. W. Record 7-86
Grove.	Cottage to Borden.	1896	10		8.5	3-124
Halls ct.	William south 182 ft.	1876	10		5	*1-89-1-287
Hall.	Rivet to 100 ft. s. of Thompson.	1896	10		7.5	3-33
Hall.	Thompson to 120 ft. s. of Rockland.	1888	10		8.4-9.4	2-163

TABLE OF SEWERS, JANUARY 1, 1900.—Continued.

STREET	LOCATION	DATE	PIPE	BRICK	DEPTH	ASSESSMENT
Harbor.	Gifford south 399 ft.	1892	15		6	2-306
Harmony.	From 52 ft. n. of Brock av. to Cove.	1887	12		6 5-9.8	P. W. Record 7-86
Harrison.	From 90 ft. n. of Oak to Hickory.	1896	10		8.8	3-110
Hathaway.	Front to Acushnet av.	1898	12		8.1-12.4	3-244
Hathaway.	Acushnet av. to Bowditch.	1898	10		12.4-9	3-243
Hawthorn.	From 87 ft. w. of Orchard to 25 ft. w. of Irving et.	1881	10		7.5-9	1-342
Hawthorn.	From 25 ft. w. of Irving et. to Ash.	1881	12		6.5-8.5	1-341
Hawthorn.	From Ash w. 110 ft.	1874		24	10.5-6.5	Entrance fee \$20
Hawthorn.	From 110 ft. w. of Ash to Page.	1883	15		6.5-9	2-22
Hawthorn.	From Page w. 380 ft.	1883	12		8.5	2-22
Hawthorn.	From 380 ft. w. of Page to 264 ft. w. of Brigham.	1886	12	24	4.1-5	2-119
Hazard.	Purchase to County.	1870				1-250
Hazard.	County w. 48 ft.	1897	10		6-8.5	3-171
Hemlock.	Rockland s. 189 ft.	1892	10		11.5	2-276
Hickory.	Dartmouth to Ward.	1888	15		9.3-11	2-158
Hicks.	Front w. 112 ft.	1897 L	12		8-8.5	*2-78
Hicks.	From 112 ft. w. of Front to 58 ft. e. of Acushnet av.	1885			8-7.3	2-78
High.	Acushnet river to ft. e. of Water.	1883				Entrance fee \$20
High.	From ft. e. of Water to Water.	1879	24			Entrance fee \$20
High.	From Water to Purchase.	1853				
High.	From 44.5 ft. e. of Second to Second.	1889	10	30	9.5-10.5	1-48
High.	Purchase to County.	1860				2-186
Hillman.	Second to Pleasant.	1855		18		1-217
Hillman.	Pleasant to County.	1855	30	30		1-136
Hillman.	County to Chestnut.	1855	24	24		1-139
Hillman.	From 90 ft. w. of Chestnut to 65 ft. w. of Ash.	1874		20		1-142
Hillman.	From 65 ft. w of Ash to Park.	1886 R	18	24	11.7-8.4	1-282
Hillman.	Park to Newton.	1884-1892				*2-68
Hillman.	Newton to Liberty.	part L		36	9-10.4	Entrance fee \$20
Hillman.	Liberty to Florence.	1891		48	10.7-11.2	Entrance fee \$20
Hillman.	Florence to Hunter.	1891	18		11.2-10.2	2-244
Hillman.		1891	15		10.2-12	2-244

TABLE OF SEWERS, JANUARY 1, 1900.—Continued.

STREET	LOCATION	DATE	PIPE	BRICK	DEPTH	ASSESSMENT
Hillman.	Hunter to Rockdale av.	1898	12		9-11	3-232
Holly.	From Belleville av. w. 200 ft.	1899	18		7-9	3-262
Holly.	From 200 ft. w. of Belleville av. to Front.	1899	12		8-9	3-262
Holly.	Front to Acushnet av.	1899	10		8-12	3-262
Holly.	Acushnet av. to 100 ft. e. of Bowditch.	1899	10		9	3-264
Holly.	Bowditch to 98 ft. e. of Brook.	1897	10		8.5-9.5	3-154
Hollyhook.	Dartmouth to 100 ft. e. of Field.	1897	10		6.3-8.5	P. W. Record 7-86
Homer.	Parker north 208 ft.	1890	10		6.3-5.5	P. W. Record 7-86
Homer.	Locust south 192 ft.	1891	10		7.1-7.2	P. W. Record 7-86
Howard.	From 125 ft. n. of Cedar Grove to Coggeshall.	1890	10		8.5-10.8	2-213
Howard.	Coggeshall to Beetle.	1892	10		10.5-12	2-308
Howland.	Acushnet river to 463.8 ft. e. of Prospect.	1897		72	9.5	Entrance fee \$20
Howland.	From 463.8 ft. to 33 ft. e. of Prospect.	1896		72	9.5	Entrance fee \$20
Howland.	From 33 ft. e. of Prospect to abt. w. line of Front.	1896 L		72		*1-263
Howland.	From abt. w. line of Front to Water.	1896		60	9.5-7	*1-263
Howland.	Water to Acushnet av.	1872		36		1-263
Hyacinthe	Rivet north 256 ft.	1891	10		6.5	2-252
Independent.	From 62 ft. w. of County to Crapo.	1891	10		8.5-9.7	P. W. Record 7-86
James.	Arnold to 123 ft. s. of Union.	1889	10		11.5-9	2-188
Jenney.	From 99.5 ft. n. of Court to Kempton.	1892	10		7.5	2-296
Jouvette.	County to Crapo.	1895	10		7-7.5	3-29
Juniper.	Larch to Rivet.	1891	15		12-15	2-237
Juniper.	Rivet to Fruit.	1890	12		15-10.8	2-204
Katharine.	From 58 ft. w. of County to Crapo.	1885	12		8-6.3-8	P. W. Record 7-86
Keene.	From 100 ft. w. of Park to Liberty.	1898	10		8.7-8.8	P. W. Record 7-86
Kempton.	Purchase to County.	1889	10		10.9-11.3	2-186
Kempton.	County to Summer.	1853		24		1-51
Kempton.	Summer to Cottage.	1869		24		1-198
Kempton.	Cottage to Cedar.	1896 L	10		12	*1-199
Kempton.	From 35.3 ft. e. of Chancery(s) to 118 ft. e. of Newton.	1890 L	12		12-13	*1-199
Kempton.	Cedar to Newton.	1857		24	7-6.6	1-201
Kempton.		1890 L	15		13-10.7	*1-200



TABLE OF SEWERS, JANUARY 1, 1900.—Continued.

STREET	LOCATION	DATE	PIPE	BRICK	DEPTH	ASSESSMENT
Kempton.	Newton to Jenney.	1884	18		10.7-7.5	2-46
Kempton.	Jenney to Beech.	1884	15		7.5-9	2-47
Kempton.	Beech to Rockdale av.	1884	12		9	2-48
<i>Kenyon.</i>	<i>Belleville av. to Front.</i>	1897	10		6.4-9	<i>P. Works Record 7-86</i>
<i>Larch.</i>	<i>Bolton rd. w. 222.6 ft.</i>	1892	10		10.6-11.7	<i>P. Works Record 7-86</i>
Larch.	Juniper to Dartmouth.	1891	12		10-11.6	2-237
Liberty.	Court to Elm.	1889	12		9-6	2-190
Liberty.	Elm to 125 ft. s. of Kempton.	1889	10		6-8	2-190
<i>Liberty.</i>	<i>Hillman to Keene.</i>	1898	10		10.6-8.3	Temporary
Lincoln.	Arnold to Union.	1871		20	8-7	1-260
Linden ct.	Ashland pl. to Linden.	1898	10		9	3-238
Linden.	Purchase to County.	1881	12		8-7	1-318
Linden.	County to 40 ft. e. of Ashland.	1882	12		8-6	2-20
Lindsey.	From 90 ft. n. of Court to n. line Lindsey at turn.	1898	10		7.4-8.6	3-250
Lindsey.	From Lindsey at turn to 140 ft. s. of Kempton.	1885	12		9-4	2-104
Lindsey.	From 140 ft. s. of Kempton to Kempton.	1884	12		5-6	2-50
Locust.	From County west 275 ft.	1899	10		8-9	3-276
Locust.	From 361.7 ft. w. of County to Chestnut.	1896	10		6.5-8	3-188
Locust.	Chestnut to Cottage.	1883		42	7-8	2-38
Locust.	Cottage to Cedar.	1884	15			2-51
Locust.	Cedar to 9.5 ft. e. of Shawmut av.	1888	15		7.4-9.5	2-155
Locust.	Shawmut av. east 9.5 ft.	1896	10		8.7	3-105
Logan.	Acushtet av. to Purchase.	1881		36	8.3-11.4	1-315
<i>Lombard.</i>	<i>Spooner to Rockland.</i>	1887	10		6.7	<i>P. W. Record 7-86</i>
Madison.	Water to Second.	1855		30		1-124
Madison.	Second to County.	1855		24		1-126
Madison.	County to Orchard.	1855		20		1-131
Maitland.	Cedar west 254 ft.	1889			7.1-11.5	2-175
Maple.	Cottage to Ash.	1873	12			1-272
Maple.	Ash to Chancery.	1894	24		12.3-7	3-8
Maple.	Chancery to 177.1 ft. w. of Park.	1894	15		7-12	3-8
Maple.	From 177.1 ft. w. of Park to Atlantic.	1894	12		12	3-8

(Cement pipe.)

TABLE OF SEWERS, JANUARY 1, 1900.—Continued.

STREET	LOCATION	DATE	PIPE	BRICK	DEPTH	ASSESSMENT
Margin.	Cove rd. to Cove.	1891	18		4.5-7	2-232
Market.	Pleasant w. 74.80 ft.	1894 L	12		15.5-15.7	P. W. Record 7-86
Market.	From 74.80 ft. w. of Pleasant to Sixth.	1882	12		6.5-10.5	P. W. Record 7-86
Marvin.	Howard w. 235 ft.	1891	10		8-9	2-230
Maxfield.	Acushnet river to Purchase.	1854		30		1-77
Maxfield.	Purchase to County.	1854		24		1-79
Maxfield.	County to Chestnut.	1856		20		1-83
Maxfield.	From 111.3 ft. w. of Chestnut to W. L. Cedar.	1892	10		12-9.5	2-295
Maxfield.	W. L. Cedar to Park.	1888	15		10-8.4	2-149
Maxfield.	Sixth to Eighth.	1856		20		1-171
Mechanics ln.	Acushnet river to 435 ft. e. of Acushnet av.	1897		72		Entrance fee \$20
Merrimac.	From 435 ft. e. of Acushnet av. to Acushnet av.	1897 R		57x72	6-7.5	*1-207, and Entrance \$20
Merrimac.	From 23.8 ft. e. of Acushnet av. to Pleasant.	1857		24		1-207
Merrimac.	Pleasant to State.	1857		20		1-208
Merrimac.	County west 250 ft.	1896	10		8.5-7.8	3-114
Merrimac.	Summer to Chestnut.	1897	10		8.2	3-100
Middle.	At outlet.	1888 R	24		5.7	
Middle.	Acushnet river to 113 ft. e. of Front.	1888 R	24		5.7-5.4	Entrance fee \$10
Middle.	From 113 ft. to 93 ft. e. of Front.	1888 R	20		5.4	Entrance fee \$10
Middle.	From 93 ft. e. of Front to 18 ft. e. of w. line of Front	1888 R	18		5.4-4.5	Entrance fee \$10
Middle.	From 18 ft. e. to 12 ft. w. of w. line of Front.	1888 R	15		4.5	*1-18
Middle.	From 12 ft. w. of Front to Purchase.	1852	30			1-18
Middle.	Purchase to Summer.	1852	24			1-22
Middle.	From 20 ft. w. of Summer to Cedar.	1873	20			1-261
Middle.	Cedar to Ash.	1870-1871	16x18			3-236
Middle.	From 50 ft. w. of Emerson to Chancery.	1898	10		7.3	P. W. Record 7-86
Mil rd. No. 4.	Orchard w. 235 ft.	1890	8			P. W. Record 7-86
Mil rd. No. 4.	From 235 ft. w. of Orchard to Bolton rd.	1890	8			P. W. Record 7-86
Mil rd. No. 3.	Orchard to 43.50 ft. e. of Bolton rd.	1890				P. W. Record 7-86
Mil rd. No. 3.	From 43.50 ft. e. of Bolton rd. to Bolton rd.	1892	15		12.5	P. W. Record 7-86
Mill.	Acushnet av. to Hill.	1854		24		1-105
Mill.	Hill to County.	1875	14x18		6	1-255



TABLE OF SEWERS, JANUARY 1, 1900.—Continued.

STREET	LOCATION	DATE	PIPE	BRICK	DEPTH	ASSESSMENT
Mill.	County west 60 ft.	1895	12		6-6.3	3-72
Mill.	From 60 ft. w. of County to 30 ft. e. of Summer.	1895	10		6.3-7.8	3-72
Mill.	From 35 ft. w. of Summer to Cedar. (Cement pipe.)	1871	16x18			1-254
Mill.	At Cedar.	1896	18		7.7-12	3-76
Mill.	Cedar to Park.	1896	15		12-10.5	3-76
Mill.	Park to Newton.	1889	15		11-11.7	2-179
Mill.	Florence to Rockdale av.	1891	10		6.3-12	2-246
Mill.	Coggeshall to Sawyer.	1894	10		7.3-10.3	3-9
Mitchell.	Ash to Page.	1895	12		6.5-7.0	P. W. Record 7-86
Morelands ter.	Water to Second.	1898	10		3.7-8.4	3-240
Morgans ln.	West of County to Cedar.					P. W. Record 7-86
Morgan.	Cedar to Ash.	1895	10		9	3-82
Morgan.	Cove n. 463.6 ft.	1895	10		7	3-85
Morton ct.	County to Crapo.	1885	12		5.8, 5, 7.5	2-77
Mosher.	Durfee to 62.3 ft. n. of Weld.	1888	12		6.5-8	2-156
Mt. Pleasant.	From 62.3 ft. n. of Weld to 102.3 ft. s. of Clark.	1897	10		8-8.5	3-152
Mt. Pleasant.	Linden n. 77.3 ft.	1897	10		7.2	3-136
Myrtle.	Weld s. 200 ft.	1893	10		12	2-318
Myrtle.	From 99 ft. n. of Weld to Clark.	1892	10		12	2-304
Nelson.	County to Crapo.	1892	10		5.5-7.5	2-283
Newton.	Elm to Hillman.	1881		48	7.2-11.5-10	Entrance fee \$20
North.	Acushnet river to Acushnet av.	1854	30	30		1-103
North.	Acushnet av. to Purchase.	1856	30	30		1-159
North.	Purchase to County.	1856	24	24		1-160
North.	County to 10 ft. e. of Chestnut.	1882-1883	12		9.5-7	*1-166 & 2-24
North.	From 10 ft. e. of Chestnut to Cedar. (Cement pipe.)	part L				
North.	Cedar to Newton.	1870	16x18		7	1-166
North.	Newton to 4 ft. e. of w. line of Liberty.	1885	15		8.5-10.5	2-96
North.	Belleville av. w. 200 ft.	1895	15		9	3-83
Nye.	From 200 ft. w. of Belleville av. to Front.	1893	12		7-12.3	2-334
Nye.	Front to Acushnet av.	1893	10		12.3-12.8	2-334
					12.8-13.2	2-334

# TABLE OF SEWERS, JANUARY 1, 1900.—Continued.

STREET	LOCATION	DATE	PIPE	BRICK	DEPTH	ASSESSMENT.
Nye.	Acushnet av. to 100 ft. e. of Bowditch.	1896	10		12.4-9	3-15
Oak.	Dartmouth to Grape.	1887		48	14	Entrance fee \$20
Oak.	Grape to 27 ft. s. of Allen.	1889		48	14-16.3	Entrance fee \$20
Orchard.	Clark's Cove to Cove rd.	1888				Entrance fee \$20
Orchard.	Cove rd. to n. line Mill rd. No. 4.	1888				Entrance fee \$20
Orchard.	Mill rd. No. 4. to 264.8 ft. n. of Mill rd. No. 3.	1892		48	9.7-9.5	Entrance fee \$20
Orchard.	From Rivet to 100 ft. s. of Thompson.	1899	10	48	9.5-9	Entrance fee \$20
Orchard.	Thompson to 100 ft. s. of Rockland.	1897	10		7-9	3-278
Orchard.	Rockland to 111 ft. s. of Washington.	1896	10		8.8	3-164
Orchard.	Grinnell to 100 ft. s. of Dartmouth.	1881	15		11-7.5	3-118
Orchard.	Madison to Arnold.	1877	12		6	1-335
Page.	Grape to 20 ft. way.	1890	15		5	1-293
Page.	20 ft. way to 50 ft. s. of Allen.	1890	10		12.2-12.5	P. W. Record 7-86
Page.	Taber to Morelands terrace.	1895	10		12.5-11	P. W. Record 7-86
Palmer.	Union n. 117.80 ft.	1896	10		6.9-10	P. W. Record 7-86
Palmer.	Elm to Kempton.				8.8	3-109
Park pl.	Sixth west 60 ft.	1882	12		10.2-12	P. W. Record 7-86
Park pl.	From 60 ft. to abt. 310 ft. west of Sixth.	1884	10		12	P. W. Record 7-86
Park.	Arnold to Elm.	1881		48	11.5-8-10	P. W. Record 7-86
Park.	Elm to 148 ft. s. of Kempton.	1885	12		6.5-9	Entrance fee \$20
Park.	Hillman to Parker.	1884		30	9	Entrance fee \$20
Parker.	From 110 ft. to 170 ft. w. of County.	1884	10			2-59
Parker.	From 170 ft. w. of County to Summer.	1884	12			2-59
Parker.	Summer to Chestnut.	1883				2-36
Parker.	Chestnut to Cedar.	1884		42	5.5-7.5	2-58
Parker.	Cedar to 18 ft. e. of Shawmut av.	1884	12		6	2-57
Parker.	Shawmut av. w. 34 ft.	1884	10		6	2-183
Parker.	From 34 ft. w. of Shawmut av. to Park.	1889	12		7	2-86
Parker.	From 42.4 ft. e. to 158 ft. w. of w. line Park.	1885	12		6.5-9	3-279
Pearl.	Acushnet river to 360 ft. e. of Acushnet av. (Iron.)	1899	15		8.5-6	Entrance fee \$20
Pearl.	From 360 ft. e. of Acushnet av. to Acushnet av.	1888-1889	24			1-337
Pearl.	Acushnet av. to Purchase.	1881	24			P. W. Record 7-86

TABLE OF SEWERS, JANUARY 1, 1900.—Continued.

STREET	LOCATION	DATE	PIPE	BRICK	DEPTH	ASSESSMENT
Pearl.	Purchase to Washington av.	1878	15		5.3	1-301
Peckham.	County to Reynolds.	1892	10		10.5-12	2-285
Penniman.	Purchase to County.	1881	18		6.5-7.5	1-319
Pierce.	Elm to 74 ft. s. of Elm.	1897	10		7-6.3	3-150
Pierce.	Elm to 100 ft. s. of Kempton.	1895	10		7.7-9	3-86
Pleasant.	Market to William.	1882	12		6.5-7	P. W. Record 7-86
Pleasant.	Market to William.	1893	12		15.5-16	Not assessed. 1-346, 2-354, 3-60
Pleasant.	William to Elm.	1897	10		12	Entrance free
Pleasant.	Sycamore north 98 ft.	1854-1868		36 sq		1-113
Pleasant.	Linden south 223.4 ft.	1898	10		9-8.5	3-259
Pleasant.	Acushnet river to Acushnet av.	1893	24		0-5.8	Entrance \$20 & P. W. R. 4-233
Pope.	Purchase to County.	1875	14x18		5.5	1-285
Pope.	From 377 ft. w. of County to Chestnut.	1890	10		7.3-7	2-194
Poplar rd.	Bolton rd. w. 335 ft.	1890	6			P. W. Record 7-86
Potomaska.	Prospect to Water.	1881		30	5	Entrance fee \$20
Potomaska.	Water to 25 ft. e. of Fourth.	1881	10	30	5-8	1-333
Potomaska.	From 25 ft. e. of Fourth to Fourth.	1884			8	2-62
Prospect.	Potomaska to Rockland.	1881	24	30	5	Entrance fee \$20
Prospect.	Rockland to Howland.	1897 part L.			8-7.3	Entrance \$20, & *2-210
Purchase.	Union n. 215 ft.	1897	10		13.5	Entrance fee \$10, P. W. R. 5-194
Purchase.	High to Kempton.	1853		24		1-50
Purchase.	Pope to Franklin.	1887 L	15		10.7	*1-295
Purchase.	Hazard to Wamsutta.	1891 L	18		14	*1-251
Purchase.	Wamsutta to Austin.	1891 L	18		17.5-13.5	*1-251
Purchase.	Wamsutta to Austin.	1897	12		12-6	For storm water only
Purchase.	Austin to 67 ft. s. of Linden.	1891	15		14.2-11.3	2-264
Purchase.	Linden to Logan. (7 ft. e. of centre.)	1881	18		8.5-10.5	1-317
Purchase.	Linden to Logan. (12 ft. w. of centre.)	1894	24		10.5-12	*1-317
Purchase.	Logan to Cedar Grove.	1881		36	11.4-8	1-316
Purchase.	Cedar Grove to Purchase st. crossing.	1882		36	8-7	2-2
Purchase.	Purchase st. crossing to Coffin av.	1885	18		7.5-8	2-92

TABLE OF SEWERS, JANUARY 1, 1900.—Continued.

STREET	LOCATION	DATE	PIPE	BRICK	DEPTH	ASSESSMENT
Purchase st. } crossing }	Purchase to Purchase.	1885	18		8	2-92
Reed.	Elm south 100 ft.	1897	10		7.5-10.5	3-146
Reed.	Elm to 100 ft. s. of Kempton.	1897	10		10.2-12.2-9	3-146
<i>Reynolds.</i>	<i>Linden to Clark.</i>	1884	10			P. Works Record 7-86
Richmond.	Parker to 118 ft. s. of Locust.	1888	12		7.5	2-161
Riverside av.	Coffin av. to Davis.	1895	24		6.5-7.5	Entrance fee \$20
Rivet.	Front to Water.	1892	10		6.5	2-298
Rivet.	Water to 79 ft. e. of Acushnet av.	1889	10		6.2-5	2-178
Rivet.	Acushnet av. w. 85 ft.	1890	10		7	2-198
Rivet.	Fourth to Crapo.	1888	15		5.5-7.8	2-153
Rivet.	Bonney to Angle.	1888	18		6-10.5	2-162
Rivet.	Angle to Juniper.	1889	18		8.8-14.6	2-168
Rivet.	Juniper to Dartmouth.	1889	15		13-10	2-168
Robeson.	County to Ashland.	1886	15		9.5-8.3	2-108
Robeson.	Ashland to Cottage.	1885	12		7.7-8	2-85
Robeson.	Cottage to Cedar.	1883		42	11.2-8.5	2-40
Rockdale av.	Hillman to 50 ft. n. of Milton.	1898	10		9	3-234
Rockland.	Acushnet river to Prospect.	1881		30	4.5	Abutting land exempt from entrance fee
Rockland.	Acushnet av. to County.	1882	12		6.5	1-357
Rockland.	County to 112 ft. w. of Warwick.	1883	10			2-28
Rockland.	Hall to Crapo.	1883	10			2-29
Rockland.	Bonney to Orchard.	1886		54	11.3-12	Entrance fee \$20
Rockland.	Orchard to 250 ft. e. of Dartmouth.	1886		48	12-12.5	Entrance fee \$20
Rockland.	From 250 ft. e. of Dartmouth to Dartmouth.	1886		54	12.5-16.5	Entrance fee \$20
Rotch.	Union south 140 ft.	1896			10	
Rounds.	Elm north 300 ft.	1894	10		9.2-7.5	3-104
Russell.	Acushnet av. to 72 ft. e. of Fifth.	1856	10			3-22
Russell.	From 72 ft. e. of Fifth to Fifth.	1890 L	24			1-180
Russell.	Fifth to County.	1856	24		5-10	*1-182
Ruth.	Acushnet river to 15 ft. e. of w. line E. French av.	1897	24	20		1-183
						3-149

TABLE OF SEWERS, JANUARY 1, 1900.—Continued.

STREET	LOCATION	DATE	PIPE	BRICK	DEPTH	ASSESSMENT
<i>Salisbury.</i>	<i>Cone south 600 ft.</i>	1892	10			<i>P. W. Record 7-86</i>
Sawyer.	Acushnet river to 4 ft. e. of w. line of Belleville av.	1891		72	8-9.5	Entrance fee \$20
Sawyer.	Acushnet river to abt. 104 ft. w. of Belleville av.	1891	12		9-8.9-11	Entrance fee \$20
Sawyer.	From abt. 104 ft. to 310 ft. w. of Belleville av.	1891	10		11-15	Entrance fee \$20
Sawyer.	From Belleville av. to 47 ft. e. of Front.	1891		66	8-16	Entrance fee \$20
Sawyer.	From 47 ft. e. of Front to Acushnet av.	1891		48	16	Entrance fee \$20
Sawyer.	Acushnet av. to Bowditch.	1891		54	15	Entrance fee \$20
Sawyer.	Bowditch west 117 ft.	1891		60	15	Entrance fee \$20
Sawyer.	From 117 ft. w. of Bowditch to Purchase.	1892		60	15	Entrance fee \$20
Sawyer.	Purchase to County.	1889	18		6.4-7.8	2-180
Sawyer.	County west 650 ft.	1897	10		8-9	3-158
School.	Acushnet river to Second.	1853		30	6	1-57
School.	Second to County.	1853		24	6	1-59
Scott.	County west 376.5 ft.	1895	10		6.8	3-14
Sears.	Fair to Washington.	1891	10		9.8-6.8	2-236
Second.	Cove north 380 ft.	1893	10		7-7.5	2-344
Second.	243 ft. n. of Delano to Blackmer.		10			<i>P. W. Record 7-86</i>
Second.	From 298 ft. n. of Rivet to Potomska.	1890	10		6.5-6.2	2-195
Second.	Potomska n. 202 ft.	1886	12		5.8-4.8	2-112
Second.	From 202 ft to 585.3 ft. n. of Potomska.	1897	12		6.2-5.4	3-142
Second.	Grinnell s. 285.4 ft.	1893	10		7.2-6.2	2-346
Second.	Grinnell n. 210 ft.	1888	12		6.5-4.5	2-151
Second.	From 228 ft. n. of Grinnell to Howland.	1888	12		4.5-6.5	2-151
Second.	From 114 ft. n. of Caunon to Coffin.	1885	15		8-6.1	2-88
Second.	School to 7 ft. s. of Spring. (West.)	1893		24		1-67 & 1-59
Second.	From 7 ft. s. of Spring to middle of Spring. (West.)	1895	24		5.6	*1-67
Second.	Union to Barker's lane.	1884 L	12		5.2-6.5	*1-11
Second.	High to Kempton.	1889	10		10.7-10.9	2-186
Second.	Hillman to Maxfield.	1855		30		1-135
Shawmut av.	Willis to 50 ft. s. of Parker.	1883	12			2-26
Shawmut av.	Parker to 8 ft. s. of Locust.	1889	12		7.3-10.5	2-183
Shawmut av.	Locust to Tilton.	1896	10		8.7-9.5	3-105



TABLE OF SEWERS, JANUARY 1, 1900.—Continued.

STREET	LOCATION	DATE	PIPE	BRICK	DEPTH	ASSESSMENT
Shawmut av.	Tilton to 50 ft. s. of Robeson.	1897	10		9	3-145
Shawmut av.	Durfee to Grand.	1891-1892	12		16.5-11.4	2-270
Shepards ln.	Aoushnet river to Water.				4-10	
Sherman.	County to 98 ft. e. of Bonney.	1888	10		6.5-9.3	2-148
Shore.	<i>Grit to ft. s. of Cove rd.</i>	1889	10		6-4	<i>P. Works Record 7-86</i>
Short.	<i>From Page to 54 ft. s. of Allen via. 20 ft. way.</i>	1890	10		6.1-9.8	<i>P. W. Record 7-86</i>
Sixth.	Wing to 90 ft. s. of Bedford.	1882	10		6-7.5	1-361
Sixth.	Russell to Cherry.	1896	10		6.9	3-97
Sixth.	William to Mechanics lane.	1856		20		1-171
Sixth.	From Mechanics lane n. 106 ft.	1899	10		6-7	3-266
Small.	<i>From Grape to 53.2 ft. s of Allen.</i>	1892	10		11.5-10.9	<i>P. W. Record 7-86</i>
Smith.	Walden to County.	1890	18		12.7	2-214
Smith.	County to Cedar.	1856		20	5.5	1-149
Smith.	From 37 ft. w. of Cedar to Shawmut av.	1884	10			2-61
Smith.	Shawmut av. to Park.	1884	12			2-60
South.	Prospect to First.	1897 part R.	15		7-7.5	Entrance fee \$10 & *2-133
South.	First to Fourth.	1897 R	12		7.5-8.5	*1-355 & *2-133
South.	Fourth to County.	1897 R	10		7.5-9	*1-355
South.	County n. 614 ft.	1897	10		8-9.5	<i>P. W. Record 7-86</i>
Spooier.	Lombard to 44.2 ft. e. of Dartmouth.	1888	10	24	6.7	<i>P. W. Record 7-86</i>
Spring.	Second to County.	1853				1-67
Spruce.	Sycamore n. 145.7 ft.	1892	10		9	2-280
Stapleton.	<i>Cove rd. to 100 ft. s. of Cove.</i>	1893	10		4.5-5.8	<i>P. W. Record 7-86</i>
Stone.	<i>From Page to 53 ft. s. of Allen via 20 ft. way.</i>	1890	10		12.5-8.5-9.7	<i>P. W. Record 7-86</i>
Stowell.	Dartmouth to Field.	1897	10		8.8-10.8	3-160
Studley.	<i>From 57 ft. e. of County to 75 ft. e. of Ashland.</i>	1894	10		8-7.7	<i>P. W. Record 7-86</i>
Summer.	Willis to Parker.	1874		42	7.5	Entrance fee \$20
Summer.	From Parker n. 145.6 ft.	1899	10		5-8	3-268
Summer.	Merrimac n. 121.4 ft.	1897	10		8	3-137
Swift.	Bolton rd. w. 216 ft.	1892	10		11.5-11	<i>P. W. Record 7-86</i>

TABLE OF SEWERS, JANUARY 1, 1900.—Continued.

STREET	LOCATION	DATE	PIPE	BRICK	DEPTH	ASSESSMENT
<i>Swift.</i>	<i>From 216 ft. w. of Bolton rd. to 175 ft. w. of Hemlock.</i>	1893	10	36 sq	11-10.5	P. W. Record 7-86
Sycamore.	Pleasant to 15 ft. e. of State.	1854-1868				*1-114
Sycamore.	From 15 ft. e. of State to Walden.	1890 L	24		7.2-11	*1-114
Sycamore.	Walden to County.	1857		24		1-211
Sycamore.	County to Cedar.	1869	16x18			1-210
Sycamore.	Cedar to 80 ft. e. of Chancery.	1891	10		12.5-10.6	2-218
Sycamore.	From 80 feet e. of Chancery to Park.	1891	12		10.6-8.5	2-218
<i>Taber.</i>	<i>Page w. 493.5 ft.</i>	1895	10		6.9-7.8	P. W. Record 7-86
Tallman.	From 45 ft. to 223 ft. w. of Acushnet av.	1897	10		6.5-10	3-138
Tallman.	From 223 ft. to 250.5 ft. w. of Acushnet av. (Iron.)	1897	2 lines 6 in		10	3-138
Tallman.	From 250.5 ft. w. of Acushnet av. to Bowditch.	1897	12		10.3-13.5	3-138
<i>Thatcher.</i>	<i>Grit to ft. s. of Cove rd.</i>	1889	10		5-6	P. W. Record 7-86
Thompson.	County to Crapo.	1882	12		4-7.3	1-359
Thompson.	Bonney to Briggs.	1895	12		8.5-9	3-70
Thompson.	Briggs to Dartmouth.	1895	10		9-10	3-71
Tremont.	Hawthorn to 101 ft. s. of Arnold.	1891	10		10-11.8	2-260
Tremont.	From 163 ft. n. of Arnold to Union.	1887	10		10-11	2-138
Trinity.	From 100 ft. w. of Cedar to Wilson.	1898	10		7.5-7.8	3-249
Union.	Acushnet river to 35 ft. w. of Acushnet av.	1852		30		1-8
Union.	From 35 ft. w. of Acushnet av. to Purchase.	1891 L	24		8.7-13.5	*1-11
Union.	Purchase to 22 ft. w. of Fourth.	1893 L	18		13.5-15.7	*1-12
Union.	Sixth to County.	1852	15		15.7-16.0	*1-12
Union.	County to Cottage.	1854		24		1-14
Union.	Ash to Park.	1888		24	6	1-99
Union.	Park to 97 ft. w. of Atlantic.	1886	15		9-8	2-150
Union.	From 97 ft. to 403 ft. w. of Atlantic.	1887	15		7.5-7.7	2-111
Union.	From 403 ft. w. of Atlantic to Sisson.	1887	12		7.5-10.3	2-134
Union.	Sisson to Palmer.	1896	10		10.3-11.0	2-134
Valentine.	From Brock av. w. 268 ft.	1899	10		11-10	3-109
<i>Viall.</i>	<i>Cove s. 683.4 ft.</i>	1892	10		8.6	3-280
					7-8	P. W. Record 7-86



TABLE OF SEWERS, JANUARY 1, 1900.—Continued.

STREET	LOCATION	DATE	PIPE	BRICK	DEPTH	ASSESSMENT
Vine.	Durfee n. 492 ft.	1895	12		10.3-9	3-78
Vine.	From 492 ft. n. of Durfee to Mt. Vernon.	1895	10		9	3-78
Walden.	Sycamore n. 44.85 ft.	1890 L	18		11.7	* 1-115
Walden.	From 44.85 ft. n. of Sycamore to Smith.	1890	18		11.7-12.7	2-214
Wall.	Acushnet river to 150 ft. e. of Acushnet av.	1882	12		6	2-14
Wall.	From 150 ft. e. of Acushnet av. to Acushnet av.	1882	10		5.8	2-14
Walnut.	Acushnet river to Water.	1852		30		1-39
Walnut.	Water to County.	1852		24		1-40
Wamsutta.	Acushnet av. w. 130 ft.	1871		24	8.5-7	1-251
Wamsutta.	From 130 ft. w. of Acushnet av. to Purchase.	1891 L	24		10-17	* 1-251
Wamsutta.	Acushnet av. to Purchase.	1897	24		7.7-17.5	* 1-251
Ward.	Hickory to Allen.	1888	15		10.5-10	2-158
Ward.	Allen n. 103 ft.	1891	10		11-12	2-256
Ward.	Thompson to 104 ft. s. of Rockland.	1887	10		5.2-6.7	2-142
Washburn.	Acushnet river to 100 ft. e. of Belleville av. (Wooden box.)					
Washburn.	From 100 ft. e. of Belleville av. to Belleville av.	1894	30x30			
Washburn.	Belleville av. to Acushnet av.	1894 R	24		3-6	* 1-297 & 3-12
Washington.	Fourth west 140 ft.	1887 L	15		2.5-12	* 1-297
Washington.	County to 130 ft. e. of Crapo.	1889	70			P. W. Record 7-86
Washington.	Bonney to 45 ft. w. of Sears.	1875	14x18		6	
Washington.	From 45 ft. w. of Sears to 100 ft. e. of Dartmouth.	1889	12		10	1-279
Water.	Cove to Gifford.	1889	10		10	2-172
Water.	Gifford to Division.	1891	10		8.3-6.7	2-172
Water.	From 14 ft. n. of Division to Delano.	1896	10		6.5	2-254
Water.	Delano to Blackmer.	1884	10		7.7	3-120
Water.	Blackmer to Rivet.	1882	12		7.7-6.5	2-49
Water.	Rivet to Potomska.	1882	15		6.5-5	1-352
Water.	Potomska n. 100 ft.	1882	18		5	1-351
Water.	From 100 ft. n. of Potomska to 30 ft. s of South.	1882	15		5.3	1-347
Water.	From 100 ft. n. of South to Grinnell.	1882	12		5.3-4.5	1-347
Water.	From 37.5 ft. to 235 ft. n. of Grinnell.	1893	10		5.3-4.7	2-345
Water.		1885	15		4.8-4	2-83

TABLE OF SEWERS, JANUARY 1, 1900.—Continued.

STREET	LOCATION	DATE	PIPE	BRICK	DEPTH	ASSESSMENT
Water.	From 235 ft. n. of Grinnell to Howland.	1895 R	24		3-2-6	*2-83
Water.	From Howland to 45 ft. s. of Morgan's ln. (Cement pipe.)	1877	12		5	1-291
Water.	From 45 ft. s. of Morgan's ln. to Cannon. (Cement pipe.)	1874-1875	12			Entrance fee \$10
Water.	Cannon to Coffin.	1856		24	4-5-7	1-177
Water.	Coffin to Madison.	1855		30	5-7-6	1-123
Water.	Madison n. 140 ft.	1888	12		5-8	Not assessed, 2-166
Water.	Spring to Commercial.	1894	15		11-8-5	3-10
Water.	Union to William. (East.)	1869	12			1-206
Water.	William to Elm. (East.)	1854		30	6-2-5-7	1-87
Water.	Elm (East) to Middle.	1873		30	5-7-6-4	Entrance fee \$20
Weaver.	Dartmouth to Field.	1886	10		9-2	3-103
Weld.	Purchase to State.	1883	10		8-9-5	2-30
Weld.	State to 64 ft. w. of County.	1887	15			2-145
Weld.	From 64 ft. w. of County to 100 ft e. of Mt. Pleasant.	1892	10		9-5-12	2-302
W. French av.	Social to Cove.	1892	10		7-5-7	2-275
William.	Water to Acushnet ave.	1854		30	6-2-6-4	1-87
William.	Acushnet av. to Purchase.	1893 L	24		6-4-15-3	*1-89
William.	Purchase to Pleasant.	1893 L	18		15-3-16-0	*1-90
William.	Across Pleasant.	1893 L	15		16	*1-91
William.	Pleasant to County.	1854		24		1-91
Willis.	Acushnet av. to 425 ft. w. of County.	1872		42	7-5	1-266
Willis.	From 425 ft. w. of County to Summer.	1874		42	7-5	Entrance fee \$20
Willis.	Summer to Shawmut ave.	1880	15		6-5-11-3-	1-307
Willis.	From Chancery e. 91.5 ft.	1899	10		8	3-273
Willis.	Chancery to Park.	1899	10		7-8	3-274
Willow.	From 55 ft. w. of Cottage to Cedar.	1891	10		9-5-9-9	2-266
Wilson.	Austin to Durfee.	1884		30	8-8-2	2-52
Wing.	Acushnet av. to Sixth.	1877	24		6	1-289

TABLE OF SEWERS, JANUARY 1, 1900.—Continued.

STREET	LOCATION	DATE	PIPE	BRICK	DEPTH	ASSESSMENT
Wing.	Sixth to 50 ft. e. of County.	1877	15		5-6	1-289
Wing.	From 50 ft. e. of County to County.	1886 L	12		5-7	*1-289
Winsor.	From 45 ft. w. to 124 ft. w. of County.	1885	10		8	P. W. Record 7-86
Winsor.	From 124 ft. w. of County to Crapo.	1885	12		7-8	P. W. Record 7-86
ON PRIVATE PROPERTY.						
Water to First, about in line of Shepard's lane.		1879 R	24			*1-119
Acushnet av. to Purchase at Pope.						
Acushnet River to Acushnet av., about in line of Sycamore.		1885	15			Old water course
Acushnet av. to Purchase, about in line of Sycamore.		1874		36 sq		Entrance fee \$20
Purchase to Pleasant, about in line of Sycamore.		1884		36 sq		1-113
Cottage to Borden, between Allen and Bedford.		1866-1871		54	11-8.5	Entrance fee \$20
<i>Davis to Earle e. of Acushnet av.</i>		1897	10		9.5-11.5	P. W. Record 7-86
<i>Pleasant to 57 ft. e. of County between Hazard and Austin.</i>		1893	10		15-5.7	P. W. Record 7-86
Pearl at River to e. of railroad track, near line of Willis. (Iron.)		1888-1889	48			
From e. of railroad to Acushnet ave., about in line of Willis.		1872-1883				
<i>Shore to Clark's Cove.</i>		1889	12	48	0-5	*1-266
Vera Brook, Water to Acushnet av., between Grinnell and Howland.						P. W. Record 7-86
		1877-1879	19x24			Entrance fee \$10
Vera Brook, Acushnet av. to 90 ft. w. of Fifth, between Grinnell and Howland.		1877-1879	16			Entrance fee \$10



1900—CITY DOCUMENT No. 11.

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SEVENTH ANNUAL REPORT

OF THE

Engineering Department

OF THE

City of New Bedford,

TO THE

City Council,

BY THE

CITY ENGINEER,

For the Year 1899.

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NEW BEDFORD:  
MERCURY PUBLISHING CO., CITY PRINTERS,  
1900.



# Report.

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CITY OF NEW BEDFORD,

ENGINEERING DEPARTMENT,

January 1, 1900.

*To the City Council of the City of New Bedford:*

GENTLEMEN:—In compliance with Section 5 of the ordinance defining the duties of the City Engineer, the following report of the expenses and operations of the Engineering Department for the year ending December 2d, 1899, is respectfully submitted.

## EXPENDITURES.

Salaries and pay-rolls,	\$7,662.25
Rent,	741.12
Janitor's services,	128.00
Lighting,	14.58
Telephone,	74.03
Street railway tickets,	96.20
Drawing instruments and supplies,	31.18
Printing, stationery, etc.,	24.21
Sundry supplies,	55.35
Repairs to instruments, tapes, etc.,	4.72
Sundry labor, not in pay-roll,	4.60
Office furniture and repairs,	5.78
Reference books,	10.50
Print cloth, etc., for platting system,	67.70
Horse and carriage hire,	75.50
Traveling expenses, postage, express, etc.,	17.56
Printing report,	15.87
General instruments for office and field,	1.75
Meteorological instruments,	39.61
Intercepting sewer,	37.60
	<hr/>
	\$9,108.11



## RECEIPTS.

Appropriation,	\$9,000.00	
Credits,	47.72	
Transfer to balance,	60.39	
	<hr/>	\$9,108.11

## CREDITS.

Blue print paper,	\$1.20	
Drawing paper,	.50	
Maps of city,	5.00	
Plans showing location of street railway tracks,	40.00	
Tracing cloth,	1.02	
	<hr/>	\$47.72

## BOUNDSTONES ON ACUSHNET AVENUE.

## EXPENDITURES.

Salaries and pay-rolls,	\$98.70	
Boundstones and carting,	58.88	
	<hr/>	\$157.58
Balance,		42.42
		<hr/>
		\$200.00

## CR.

Appropriation,	\$200.00
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## GRADE CROSSING INVESTIGATION.

## EXPENDITURES.

Salaries and pay rolls,	\$193.50	
Horse and carriage hire,	3.00	
Printing, stationery, etc.,	5.50	
Telephone,	5.91	
Traveling expenses,	39.79	
Sundry labor, not in pay-roll,	110.20	
	<hr/>	\$357.90

## CR.

By balance Dec. 3d, 1898.	\$357.90
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1900.

CITY ENGINEER'S REPORT.

5

Grade crossing expenditures for the year 1895,	\$517.92
Grade crossing expenditures for the year 1896,	2,067.20
Grade crossing expenditures for the year 1897,	936.59
Grade crossing expenditures for the year 1898,	620.39
Grade crossing expenditures for the year 1899,	357.90
Total expenditures to date,	<hr/> \$4,500.00

## ASSISTANTS' TIME AND COST.

## GENERAL CLASSIFICATION OF WORK DONE.

	OFFICE.		FIELD.		TOTAL Cost.
	Time.	Cost.	Time.	Cost.	
Assessors' plats, corrections, record of transfers, etc.,	2,150	\$734.94	192	\$46.87	\$781.81
Bench marks, levels for connecting and correcting,	1	.31	2	.63	.94
Bridges, harbor line, etc.,	10	2.75	3	.68	3.43
Bound stones, setting same,	11	2.51	56	13.77	16.28
Catch basins,	3	.78	55	13.89	14.67
Com. on P. Prop., City Solicitor, Inspec. of Bids., oth. City off'ls,	56	18.83	76	24.79	43.62
Cemeteries, surveys, plans, etc.,	3,002	746.23	400	130.34	876.57
Contour map of city, surveys for same,	269	74.44	66	16.17	90.61
Correcting office plans, copying plans, etc.,	186	27.68			27.68
Department of Public Works and Board of Health,	477	134.88	39	9.44	144.32
Drains, grades and levels for laying same,	3	.96	40	10.75	11.71
Drains, location, measures, index of same, etc.,	158	36.45	177	44.09	80.54
Indexing plans, note books, and other records,	1,119	220.85			220.85
New work, measurement, calculation, macadam, concrete, etc.,	174	50.40	157	41.92	92.32
Office w'k, cleaning tapes & instrum'ts, ent'ring ord'rs, errands, etc	576	124.23	28	8.24	132.47
Park Commissioners, surveys, plans, etc.,	1	.28	23	5.39	5.67
Private work,	4	.56			.56
Private parties, grades for buildings, steps, etc.,	40	9.17	425	108.82	117.99
Public buildings, lines and levels for same,			10	2.69	2.69
Report of 1898, compiling information for same,	809	244.88	35	7.10	251.98
Sewer construction grades, levels and profiles,	918	210.47	284	82.02	292.49
Sewer assessments, plans, ownerships, records, etc.,	753	267.40			267.40
Soundings taken at wharves and inspection of dredging,	67	36.32	86	27.46	63.78

Sewer department, grades for construction, Street grades, levels taken for establishing same, office record, etc., Street layouts, surveys, plans, returns, records, tracings, etc., Street numbers, re-numbering, new numbers, records, etc., Meteorological instruments, observations, etc., Union Street Railway Co., Vacations, Saturday afternoons and legal holidays, Water Works Department, grades, levels, profiles, surveys, etc., Middleboro & Brockton Railroad, Underground conduits,	121 34 1,117 3 262 120 1,678 4 7	41.96 15.41 371.40 .63 63.41 47.62 484.81 2.48 1.95 1.29	767 26 608 22 236 40 59 174 76	219.09 8.49 194.56 5.00 62.19 9.76 17.91 52.73 21.18	261.05 23.90 565.96 5.63 125.60 57.38 484.81 20.39 54.68 22.47
Totals, Administration,	14,138	\$3,976.28 2,500.00	4,162	\$1,185.97	\$5,162.25 2,500.00
Total cost, exclusive of grade crossings and boundstones on Acushnet ave.,	14,138	\$6,476.28	4,162	\$1,185.97	\$7,662.25
Grade crossing investigation, Boundstones on Acushnet avenue,	364 20	\$171.48 6.63	67 299	\$22.02 92.07	\$193.50 98.70
Total,	14,522	\$6,654.39	4,528	\$1,300.06	\$7,954.45

## REPORT OF PLATTING SYSTEM.

Record of conveyances of real estate recorded at the Registry of Deeds at New Bedford as reported to the Board of Assessors each month.

1898, December . . . . .	55
1899, January . . . . .	49
1899, February . . . . .	49
1899, March . . . . .	47
1899, April . . . . .	86
1899, May . . . . .	62
1899, June . . . . .	57
1899, July . . . . .	61
1899, August . . . . .	94
1899, September . . . . .	55
1899, October . . . . .	92
1899, November . . . . .	69
Total . . . . .	776

Since December 1, 1898, the records of 221 estates have been looked up at the Probate Court in Taunton, necessitating twelve trips to that city.

May 1st, 1899, the Board of Assessors were furnished with an entirely new set of blue print copies of the plats, 136 in number.

The plats covering the layout of Belleville have been changed in accordance with plans agreed upon by the committee appointed by the City Council.

December 1st, 1899, there were 13,143 lots shown on the plats, that being 111 more than at the same time last year.

During the year, twenty-six new tracings have been made of the plats which were badly worn by constant use.

The present force of the department consists of the City Engineer, six assistants and one young lady clerk.

The work of the department for the past year is so fully

and systematically shown in the tables attached, that further explanation seems to me unnecessary.

### GRADE CROSSING INVESTIGATION.

At the last meeting held February 11th, 1899, between the Grade Crossing Commissioners and the representatives of the City and Railroad the Chairman of the Commission stated that he thought the time had arrived when the Commission should say informally that they had concluded that from the passenger depot north the grade crossings should be abolished by elevating the tracks of the railroad. The engineers of the Railroad and City were then directed to prepare, as far as they could agree, plans for the elimination of the crossings north of the depot in the manner indicated and for the location of a new freight yard, which was required as a contingent feature. Some progress was made in connection with the Railroad's engineer in the preparation of plans on the lines laid down by the Commission, but this work ceased some time ago. The situation as to the main question is therefore just as it was left at the meeting of February 11th. All attempts to secure further meetings with the Commission have failed.

### METEOROLOGICAL INSTRUMENTS.

In August the Water Works Department transferred to this department the meteorological instruments formerly at the old pumping station, consisting of a Draper self recording barometer, a Draper self recording anemoscope (direction of the wind), a Draper self recording anemometer (velocity of the wind,) a wet and dry bulb hygrometer, a standard rain gauge, and a standard thermometer. The last three named instruments are still

kept at the old pumping station, the barometer is in the office of the department, and the anemoscope and anemometer are attached to the roof of the Odd Fellows' building.

In closing, I wish to thank the many citizens and members of the City Council, and of other departments, who have from time to time kindly assisted this department.

Respectfully submitted,

WILLIAM F. WILLIAMS,

City Engineer.







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# MONTHLY SUMMARY OF TIDES FOR THE YEAR 1899.

MONTHS.	Average rise of tides below mean high water	Average fall of tides below mean high water.	Highest high tide above mean high water.	Lowest high tide below mean high water.	Highest low tide below mean high water.	Lowest low tide below mean high water.
January,	0.884	4.895	1.10	2.20	3.60	6.50
February,	1.141	4.957	2.50	2.50	3.50	6.50
March,	0.845	4.505	1.55	3.45	2.60	5.70
April,	0.943	4.520	0.95	2.20	3.50	5.40
May,	0.615	4.183	0.55	1.45	3.30	5.00
June,	0.686	4.381	0.40	1.90	3.40	5.50
July,	0.593	4.219	0.75	1.59	3.40	5.20
August,	0.549	4.146	1.20	1.60	3.30	5.00
September,	0.774	4.349	1.30	2.50	3.70	5.90
October,	0.774	4.30	0.70	1.70	3.40	5.20
November,	0.524	4.10	0.60	1.70	2.90	5.40
December,	0.306	4.375	1.40	2.20	2.10	5.60
For the year,	0.717	4.41	2.50	2.50	2.10	6.50

Average rise of tides for 1899, 3.693.

Average rise of tides for 1896, 1897, 1898 and 1899, 3.628.

Average rise of tides below mean high water for 1896, 1897, 1898 and 1899, 0.726.

Average fall of tides below mean high water for 1896, 1897, 1898 and 1899, 4.355.

# STREET LAYOUTS, ETC., FOR THE BOARD OF PUBLIC WORKS.

STREET.	FROM.	TO.	FOR.	FIELD WORK.		OFFICE WORK.	ACTION BY BOARD OF PUBLIC WORKS.
				Survey Length.	Levels Length.		
Acushnet avenue.	Sawyer street.	Tarklin Hill rd.	Widening.	96.81		Plan of street 70 ft. wide.	Hearing given.
Acushnet avenue.	Tarklin Hill road.	South 96.81 ft.	Widening.	1,469.97	1,469.97	Plan of widening.	Widened.
Acushnet avenue.	Tarklin Hill road.	Mill road.	Widening.	23,491.01		Plan of street 64 ft. wide.	Widened.
Acushnet avenue.	Mill road.	Freetown line.	Widening.	1,556.19	1,556.19	Plan of st. abt. 60 ft. wide.	Widened.
Acushnet avenue.	Opposite Braley road.	North 677.73 ft.	Layout.	677.73	677.73	Plan of widening.	Accepted.
Brook street.	Sawyer street.	Smith street.	Layout.	1,551.01	1,551.01	Plan of street 40 ft. wide.	Hearing given.
Chancery street.	Kempton street.	Rockdale ave.	Widening.	357.53	357.53	Plan of st. 30 & 40 ft. wide.	Hearing given.
Court street.	Reed street.	Rockdale ave.	Layout.	252.50		Plan of street 70 ft. wide.	Hearing given.
Durfee court.	Myrtle street.	Ashland street.	Layout.	222.78	222.78	Plan of street.	Profile.
Emerson street.	Union street.	Court street.	Layout.	563.47	563.47	Plan of street 40 ft. wide.	Profile.
First street.	Cove road.	Cove street.	Layout.	740.20	740.20	Plan of street 50 ft. wide.	Profile.
First street.	Cove street.	Division street.	Layout.	740.20		Plan of street 40 ft. wide.	Profile.
First street.	Cove street.	Division street.	Layout.	199.44	199.44	Plan of street 50 ft. wide.	Profile.
Griffin street.	170.42 E. of Water	Leonard street.	Layout.	2,878.29	2,878.29	Plan of street 45 ft. wide.	Profile.
Hathaway road.	Rockdale avenue.	Dartmouth line	Define line.	859.44	859.44	Plan of street 50 ft. wide.	Profile.
Holly street.	Belleville avenue.	Acushnet ave.	Layout.	118.93	118.93	Plan of street 50 ft. wide.	Profile.
Leonard street.	Cross street.	Prospect street	Layout.	535.69	535.69	Plan of street 40 ft. wide.	Profile.
Myrtle street.	Cedar Grove st.	Peckham street.	Layout.	438.73	438.73	Plan of street 50 ft. wide.	Profile.
Prospect street.	Howland street.	Leonard street.	Layout.	106.45	106.45	Plan of street 40 ft. wide.	Profile.
South street.	604 W. of County.	Crapo street.	Layout.	472.00	472.00	Plan of street 50 ft. wide.	Profile.
Whitman street.	Diman street.	Front street.	Layout.	1,221.61	1,221.61	Plan of street 50 ft. wide.	Profile.
Willard street.	Brook avenue.	W. French ave.	Layout.	38,549.98	13,969.46		Accepted.



## STREETS LAID OUT AND ACCEPTED.

STREET.	FROM	TO	DATE.	WIDTH AND LENGTH IN FEET.		
				30	40	50
1 Brook st.	Sawyer st., Willis st., Front st., Belleville ave., 604 ft. W. of County Diman st., Brook ave.,	North 677.73 ft. Parker st. Water st. Acushnet ave. Crapo st. Front st. W. French ave.	Aug. 15, 1899. Jan. 24, 1899. Sept. 26, 1899. May 10, 1899. Sept. 12, 1899. Aug. 29, 1899. Oct. 24, 1899.	235.72	677.73 294.96	859.44 106.45 472.00 1,121.61
2 Chancery st.						
3 Elm st.						
4 Holly st.						
5 South st.						
6 Whitman st.						
7 Willard st.						
Total 3767.91 feet, or 0.714 miles.				235.72	972.69	2,559.55



## STREET WIDENINGS LAID OUT AND ACCEPTED.

STREET.	FROM	TO	DATE.	SIDE.	WIDENING.	LENGTH.
1 Acushnet ave.	Tarkiln Hill road, Tarkiln Hill road, Mill road, Opposite Braley road.	South.	June 12, 1899.	West.	Triangular.	96.81
2 Acushnet ave.		Mill road.	June 12, 1899.	East.	14 feet.	1,469.97
3 Acushnet ave.		Freetown line.	June 12, 1899.	East.	About 10 ft.	23,491.01
4 Acushnet ave.		Opposite Braley road.	June 28, 1899.	East.	Irregular.	1,556.19
Total 26,613.98 feet, or 5.04 miles.						26,613.98

# DETAILS OF SEWERS CONSTRUCTED IN 1899.

STREET.	LOCATION.	SIZE AND MATERIAL.					Total length.	Greatest cut.	Average cut.	Greatest cut in ledge.	Average cut in ledge.	Cubic yards ledge.	Cubic yards earth.	Total cubic yards excavation.	Number of manholes.	RATE OF GRADE IN FEET PER 100.	Cost of labor.	Cost of labor per foot of length.	Cost of material, teaming, sharpening drills, etc.	Total cost of sewer.	Cost per foot of length.	Assessed.	Ordered.	Commenced.	Finished.
		VITRIFIED PIPE.																							
		8 inch.	10 inch.	12 inch.	15 inch.	18 inch.																			
BY SPECIAL APPROPRIATION.																									
Brook Street.	Sawyer to Holly.		354.6				354.6	12.80	12.04	9.60	2.98	58	498	554	1	1.00, 0.75	\$1,035.77	\$2.92	\$293.33	\$1,329.05	\$3.75	1-2 Assessed.	August 15.	August 21.	September 15.
Chancery and Willis Streets.	Parker to Park.		466.1				466.1	9.35	8.38				506	506	1	1.00, 3.05, 0.59	281.07	.60	111.53	392.60	.84	1-2 Assessed.	November 22, 1898.	December 13, 1898.	December 19, 1898.
Collette and Willis Streets.	Davis to Acushnet Avenue.		437.5	198.2			635.7	10.86	8.46				752	752	1	0.50, 4.66	591.42	.86	221.47	812.89	1.19	1-2 Assessed.	May 15.	June 14.	June 22.
County Street, No. 19.	Pope Street north 182.9 feet.	191.8	41.0				232.8	6.94	6.05				183	183	0	1.42, 0.50	92.00	.40	47.15	139.15	.60	1-2 Assessed.	May 15.	June 26.	June 28.
Dudley Street.	Clark's Cove to Brock Avenue.		1,158.4			112.0	1,270.4	9.58	6.25				882	882	2	10.00, 2.62, 5.00, 1.00	878.81	.69	305.28	1,184.09	.93	1-2 Assessed.	April 4.	April 15.	April 25.
Holly Street.	Belleville Avenue to 100 feet east of Bowditch.		884.0	277.8	234.0		1,395.8	11.82	7.28			2	1,316	1,317	3	1.30, 4.20, 2.66, 1.66., 1.42, 0.87	880.55	.63	380.15	1,260.70	.90	1-2 Assessed.	May 10.	May 16.	May 28.
Locust Street, No. 6.	County west 275 feet.		348.6				348.6	9.18	8.67				392	392	1	0.50	227.94	.65	103.59	331.53	.95	1-2 Assessed.		July 10.	July 14.
Orchard Street, No. 8.	Rivet to 100 feet south of Thompson.		334.2				334.2	9.14	7.70				334	334	1	0.50, 1.36	235.72	.68	114.94	340.66	1.02	1-2 Assessed.	June 12.	June 30.	July 7.
Parker Street.	Park Street west 158 feet.				192.4		192.4	8.58	7.22				182	182	1	0.50	121.90	.63	84.59	206.49	1.07		August 29.	September 13.	September 21.
Sixth Street, No. 4.	Mechanics Lane north 101.6 feet.		113.0				113.0	7.05	6.45				93	93	1	0.50	53.86	.48	43.64	97.50	.86		June 12.	July 7.	July 8.
Summer Street.	Parker Street north 145.4 feet.		145.4				145.4	7.46	6.02				98	98	1	0.50	76.22	.52	58.62	134.84	.93	1-2 Assessed.	March 21.	April 26.	April 28.
Valentine Street.	Brock Avenue west 288 feet.		316.5				316.5	9.01	8.57				352	352	1	0.648	234.56	.74	96.99	331.55	1.05	1-2 Assessed.	August 29.	September 23.	September 27.
Willis Street, No. 5.	Chancery to 95 feet west of Shawmut Avenue.		147.9				147.9	8.28	8.10				155	155	1	4.66	62.60	.42	48.85	111.45	.75	1-2 Assessed.	June 12.	June 23.	June 29.
Totals,		191.8	4,797.2	476.0	426.4	112.0	6,003.4					60	5,740	5,800	15		\$4,762.42		\$1,910.08	\$6,672.50					
BY GENERAL SEWER APPROPRIATION.																									
Cedar Grove Street.	245 feet west of County to Reynolds.		130.0				130.0	12.83	12.10				175	175	1	5.75	\$308.53	2.34	\$36.51	\$360.09	2.77			November 8.	November 25.
Totals,		191.8	4,927.2	476.0	426.4	112.0	6,133.4					60	5,915	5,975	16		\$5,068.00		\$1,966.59	\$7,032.59					



## LEVELS TAKEN.

STREET.	FROM.	TO.	LENGTH.	OBJECT.	FOR.
Acushnet ave.	Main st.	North.	370	Establish grade of east sidewalk.	Board of Public Works.
Austin st.	Shawmut ave.	West.	531	Establish grade.	Private parties.
Clinton st.	Ash st.	Chancery st.	383	Determine amount of fill required.	Board of Public Works.
County st.	Independent st.	South.	115	Determine location of catch basin.	Board of Public Works.
County st.	Kempton st.	Mill st.	152	Determine location of catch basin.	Board of Public Works.
County st.	Pope st.	North.	128	Determine grade for sewer.	Board of Public Works.
Dudley st.	W. French ave.	West.	1,113	Determine grade for sewer.	Board of Public Works.
Earle st.	Belleville ave.	Front st.	213	Establish grade.	Water Board.
Foster st.	Middle st.	High st.	1,727	Establish grade for curb.	Board of Public Works.
Front st.	Davis st.	South.	275	Determine depth of ledge.	Board of Public Works.
Hathaway rd.	Mt. Pleasant st.	Shawmut ave.	135	Establish grade for macadam.	Board of Public Works.
Hazard st.	Pleasant st.	State st.	262	Establish grade for curb.	Board of Public Works.
Hill st.	Kempton st.	Mill st.	212	Establish grade for curb.	Board of Public Works.
Hill st.	North st.	Hillman st.	2,062	Establish grade.	Water Board.
Holly st.	Brook st.	West.	128	Establish grade.	Board of Public Works.
Jenney st.	Court st.	Kempton st.	370	Establish grade.	Board of Public Works.
Marine ave.	E. French ave.	W. French ave.	1,665	Determine amount of fill required.	Water Board.
Park street.	Arnold st.	Clinton st.	376	Establish grade for asphalt.	Board of Public Works.
Pleasant st.	Union st.	William st.	346	Establish grade for tracks&asphalt	Board of Public Works.
Purchase st.	Elm st.	Maxfield st.	576	Establish grade for block paving.	Board of Public Works.
Purchase st.	Weld st.	South.	581	Establish grade for curb.	Board of Public Works.
State st.	Hazard st.	Austin st.		Establish grade.	Engineering Dept.
Tallman st.	Bowditch st.	Brook st.		Establish grade for block paving.	Board of Public Works.
Wamsutta st.	Front st.	West.			

Total, 11,720 feet or 2.20 miles.

## PUBLIC WORKS DEPARTMENT.

Grades for setting curbing,	42
Lines for setting curbing,	2
Grades for paving,	10
Grades for gutters,	32
Lines for gutters,	7
Grades for cutting or filling streets,	21
Lines for cutting or filling streets,	1
Grades for retaining walls,	6
Lines for retaining walls,	2
Plans and profiles of sewers for construction,	9
Grades for laying new sewers,	35
Trips to sewers to measure branches, ledge, etc.,	35
Branches located for connecting drains,	33
Levels or grades for drains,	18
Grades for catch basins,	7
Lines for catch basins,	1
Grades for culverts,	3
Lines for culverts,	3
Grades given for laying asphalt Pleasant street, Union to William streets.	
Grades given for relaying asphalt Pleasant street, Union to William streets.	
Grades given for laying asphalt Purchase street, Elm to Maxfield streets.	
Location of all drains laid during year.	
Measurement of all work done by department.	
Measures and plan showing pipes, etc., in Purchase street, Union to Maxfield streets.	
Measures Purchase street, Elm to Maxfield streets, for estimate of asphalt.	
Measurement of quantity of stone at City stable at the beginning of the year.	
Areas Purchase street, Union to Maxfield streets, to estimate amount of asphalt required.	
Measurement of crossings and marking cross walk stone for cutting, as follows:	
Acushnet avenue, west side, across William street.	
Acushnet avenue, west side, across Union street.	
Fourth street, west side, across Union street.	
Sixth street, west side, across Elm street.	
Union street, north side, across Water street.	
Union street, north side, across Purchase street.	
William street, north side, across Sixth street.	
Map of city, with ward and precinct lines.	

Correcting to date two maps of accepted streets.  
Correcting to date two maps of street pavements.  
Correcting to date four maps of sewer system.  
Line and grade for setting outside crusher.  
Measures and plan of crusher machinery.  
Levels to determine low places in pavement on Acushnet avenue and Spring street.

### PARK COMMISSION.

Line and grade for fence around deer pen, Buttonwood Park.

### BOARD OF ASSESSORS.

Correction and posting of plats for the year.  
Correcting office maps of accepted streets and sewers.  
Survey southeast corner of Seventh and Union streets.  
Survey property north of Turner's pond.  
Survey swamps south of Turner's pond.  
Survey Acushnet avenue east side, Mill road to Freetown line.  
Survey at Clifford Park.  
Survey Phillips avenue.

### BOARD OF HEALTH.

Office plans showing correct and incorrect methods of plumbing.  
Correction of office maps of accepted streets and sewers.  
Correction of pocket maps for inspectors and members.  
List of owners of property on Hicks, Washburn and Cedar Grove streets.

### WATER BOARD.

Grades given for laying pipe, setting hydrants, etc., 13  
Location of water pipe across channel, Acushnet river.  
Profile Earle street, Belleville avenue west.  
Profile of Holly street west of Brook street.  
Line of conduit marked on a lot on Nye street.

### COMMITTEE ON PUBLIC PROPERTY.

Survey and plan defining north line of Taber's wharf.  
Survey and plan of Engine House lot, Acushnet avenue.  
Survey, levels and plan of bathing beach.  
Staking bathing houses.



## INSPECTOR OF BUILDINGS.

Grade given for 92 buildings, steps, fences, etc.

Street line given for 62 buildings, steps, fences, etc.

Tracing of Acushnet avenue widening between Main street and Mill road.

Tracing from plats of block—Kempton, Mill, Pleasant and Foster streets, showing location of building petitioned for.

## CEMETERY BOARD.

## RURAL CEMETERY.

Record of burials kept for the year.

Survey and plan of lots containing the "Long Tomb."

Survey and plan to locate lot, Pine avenue.

Preliminary staking of section H.

Levels and profile to establish grades of avenues around section H.

Final staking in lots, and plan, section H.

Levels and profile to establish grade of east and south walls.

Line and grade given for east and south walls.

Levels and profile to establish grade of Springvale avenue.

Line and grade for Springvale avenue.

Survey and general plan of south part to determine layout of avenues.

Preliminary staking of section A-5, plats 4 and 5.

Plan of section W, plat 2.

Index plan corrected to date.

Plan of lot 42, section M.

Restaking south end of section B.

Restaking part of section C.

Restaking section A-5, plat I.

## OAK GROVE CEMETERY.

Platting completed.

Preliminary plan to establish grades of 40 foot avenue.

Line and grade for 40 foot avenue.

Grade, line, staking lots and plan of section 5.

Line and grade for east wall.

Restaking part of section G, old part.

Grade for section in old part.

## PINE GROVE CEMETERY.

Platting corrected to date.

## GRIFFIN STREET CEMETERY.

Platting commenced.



## CITY SOLICITOR.

Plan of Eames property southwest corner Orchard and Rockland streets.

Survey and plan Cedar Grove street, County to Reynolds streets, showing property of Alexander Bernard.

Survey and plan of flagging Washington street.

Plan showing title to tombs Rural Cemetery.

## WORK DONE FOR STREET RAILWAY, TELEPHONE AND ELECTRIC LIGHT COMPANIES.

## UNION STREET RAILWAY COMPANY.

Location plan for tracks in Beetle street, Front street and Acushnet avenue.

Location plan for tracks in Acushnet avenue, Rivet street, First street and Cove road.

Two location plans for tracks in Kempton street.

Survey and plan for junction of tracks, Cove road and Brock avenue.

## NEW BEDFORD, MIDDLEBORO &amp; BROCKTON STREET RAILWAY COMPANY.

Line for building walls and fences on east side of Acushnet avenue from Mill road to Angle No. 5 north of Peckham road.

Line and grade for laying track, Tarkiln Hill road to Freetown line.

Levels on same to check track work.

Survey, levels and plan for connection of tracks at Lund's Corner.

## TELEPHONE COMPANIES.

Grades given for conduits, manholes, etc.

Location of all conduits laid, manholes built, etc.

## ELECTRIC LIGHT COMPANY.

Grade for manhole corner Purchase and Middle streets.

## GRADE CROSSINGS.

Line of Wamsutta street defined.

Levels and plan showing railroad over street at Nash road crossing.

Detailed comparison of city's plans with those submitted by Railroad.

Survey and levels on High street, Second street to Purchase street.

Plan and profile showing Middle street over railroad.

Plan of Philadelphia & Reading Coal Company's property, Walnut street.

Number and time of trains taken at Bridge crossing.

## POLICE DEPARTMENT.

Line of Purchase street between Union and William streets on account of projecting signs.

## LICENSE COMMISSIONERS.

Survey and plan of property where license was protested.

## FIRE DEPARTMENT.

Map showing location of Fire Alarm and Police Signal boxes.

## SURVEYS.

Reference of all bounds on Acushnet avenue, Lund's Corner to Freetown line.

Survey to locate house and fences Acushnet avenue, east side, south of Angle No. 26.

Survey to locate buildings Acushnet avenue, east side, north of Angle No. 29.

Survey to define east line of Acushnet avenue at Angle No. 28 where bound was removed.

Survey to define east line of Acushnet avenue at Angle No. 9 where bound was removed.

Survey to define new east line of Acushnet avenue at Angle No. 14 to save trees.

Survey of intersection of west line of Acushnet avenue and Freetown line to set town bound.

Location of trees east side of Acushnet avenue Mill road to Freetown line.

Survey of shore line, Howland street.

Survey of easterly terminus of Union street.

Survey of intersection of Rockdale avenue and Kempton street.

Summer street, north of Pope street, survey to refer property lines to layout.

Survey Cannon street, east of Water street, to locate buildings.

Soundings to determine amount of dredging necessary at Union street dock, School street dock, Walnut street dock and Coffin street dock.

## LEVELS.

Coggeshall street, to determine elevation of iron pipe for sewer in west abutment to bridge.

New Bedford and Fairhaven bridge on south part of fender pier.

Pleasant street, Elm to Middle streets, to determine wear of macadam.

In sewer manholes, Howland Mill Village, to determine grade of sewers.

## PLANS.

Plan of harbor with soundings,  
 Plan of Coffin street, east of Water street, showing buildings.  
 Plans of private sewers.  
 Profile to establish grade of Acushnet avenue, Angle No. 11 to Freetown line.  
 Profile to establish grade of street railway track Purchase street, Elm to Maxfield streets.  
 Profile to establish grade of asphalt Pleasant street, Union to William streets.  
 Plan of eastern terminus of Union street.

## MISCELLANEOUS.

Surveys, levels and plan work on contour map of city.  
 Drains indexed and drawn on section maps of sewer system.  
 Indexing records of accepted streets.  
 Bound stone maps corrected to date.  
 Placing street signs on Orchard street, Union to Court streets.  
 Plan and profile Hathaway road establishing line and grade from Rockdale avenue to Dartmouth line.  
 Area of city for Post Office Department.  
 Weir measurements of flow of sewage into Clark's Cove.  
 Bench marks established on bound stones southwest corner of Court and Tremont streets, and northeast corner of Grinnell and Second streets.  
 Care of meteorological instruments.  
 Sewer assessment plans for sewers laid in 1899.  
 Plans of private sewers laid, as far as record can be found.  
 Plans of same entered in sewer book.

## STREETS NUMBERED.

STREET.	FROM	TO	INTERVAL IN FEET.	NOS. GIVEN.
Anthony st.	Bedford st.,	Grove st.	50	1
Collins st.	Cottage st.,	Cedar st.	25	1
Page st.	Allen st.,	Hawthorn st.	20	1
Single numbers given on streets previously numbered,				47

## BOUND STONES SET.

Acushnet avenue,	W. S. south of Tarkiln Hill road.
" "	S. W. corner of Tarkiln Hill road.
" "	N. E. corner of Tarkiln Hill road. (2 feet west of line.)
" "	N. line of Mill road, on east line of Acushnet avenue (south). (2 feet west of line.)
" "	angle of Acushnet line at Balls corner. (Old B. S. No. 29 cut off and re-drilled.)
" "	intersection of east line with town line north of Balls corner. (2 feet west of line.)
" "	E. S. at angle No. 28.
" "	E. S. at angle No. 27.
" "	E. S. at angle No. 26. (2 feet west of line.)
" "	E. S. at angle No. 25. (2 feet west of line.)
" "	E. S. on original line of avenue, and on old property line.
" "	E. S. at angle No. 24. (2 feet west of line.)
" "	E. S. at angle No. 23. (2 feet west of line.)
" "	E. S. at angle No. 22. (2 feet west of line.)
" "	E. S. at angle No. 21.
" "	E. S. at angle No. 20.
" "	E. S. at angle No. 19. (2 points drilled on 1 stone.)
" "	E. S. at tangent point south of angle No. 18.
" "	E. S. at angle No. 18. (4 feet west of line.)
" "	E. S. at angle No. 17. (2 feet west of line.)
" "	E. S. at 1st angle north of angle No. 17. (2 feet west of line.)
" "	E. S. at 2nd angle north of angle No. 17. (2 feet west of line.)
" "	E. S. at 3rd angle north of angle No. 17. (2 feet west of line.)
" "	E. S. at angle No. 16. (2 feet west of line.)
" "	E. S. at angle No. 15. (2 feet west of line.)
" "	E. S. at 1st angle north of angle No. 15. (2 feet west of line.)
" "	E. S. at 2nd angle north of angle No. 15. (2 feet west of line.)
" "	E. S. at 3rd angle north of angle No. 15. [(2 feet west of line.)
" "	E. S. at 4th angle north of angle No. 15. (2 feet west of line.)
" "	E. S. at angle No. 13. (2 feet west of line.)

Acushnet avenue,	E. S. at angle No. 12. (2 feet west of line.)
" "	E. S. at angle No. 11. (2 feet west of line.)
" "	E. S. at 1st angle north of angle No. 11. (2 feet west of line.)
" "	E. S. at 2nd angle north of angle No. 11. (2 feet west of line.)
" "	E. S. at angle No. 10. (2 feet west of line.)
" "	E. S. at 1st angle north of angle No. 10. (2 feet west of line.)
" "	E. S. at 2nd angle north of angle No. 10. (2 feet west of line.)
" "	E. S. at angle No. 7. (2 feet west of line.)
" "	E. S. at angle No. 6. (2 feet west of line.)
" "	E. S. at angle No. 5. (2 feet west of line.)
" "	E. S. at angle No. 4. (2 feet west of line.)
" "	E. S. at angle No. 3. (2 feet west of line.)
" "	E. S. at angle No. 2. (2 feet west of line.)
" "	E. S. at intersection of east line of avenue and Acushnet line.
" "	E. S. old town bound No. 1, cut off and redrilled.
* " "	W. S. at intersection of west line of avenue and Freetown line.*
Court street,	S. W. corner Tremont. (Lowered.)
Cove street,	N. W. corner of Water. (Reset on new line.)
" "	N. E. corner of First. (Reset on new line.)
" "	N. W. corner of First. (Reset on new line.)
" "	N. E. corner of Second. (Reset on new line.)
" "	N. W. corner of Second. (Reset on new line.)
" "	N. E. corner of County. (Reset on new line.)
Hathaway road,	N. S. at angle 765 feet west of Rockdale avenue.
" "	N. S. at angle 1,125 feet west of Rockdale avenue.
Kempton street,	S. E. corner of Reed. (Lowered.)
*Bound 9 feet long, 4 feet above ground. Lettered N. B. and F.	

IN BOARD OF ALDERMEN,

March 8, 1900.

Received, ordered printed in the City Documents, and  
sent down for concurrence.

D. B. LEONARD, City Clerk.

IN COMMON COUNCIL,

3 mo., 8, 1900.

Concurred.

WM. A. MACKIE, Clerk.

1900—CITY DOCUMENT No. 12.

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# REPORT

OF THE

## Superintendent of Public Buildings,

ALSO

## INSPECTOR OF BUILDINGS,

OF THE

CITY OF NEW BEDFORD, MASS.,

FOR THE YEAR 1899.

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NEW BEDFORD:  
MERCURY PUBLISHING CO., CITY PRINTERS,  
1900.





# REPORT

OF THE

## Superintendent of Public Buildings

FOR THE YEAR 1899.

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OFFICE OF SUPERINTENDENT OF PUBLIC BUILDINGS,  
NEW BEDFORD, MASS., Jan. 1, 1900.

*To the Honorable the City Council of the City of New  
Bedford:*

GENTLEMEN:—I have the honor to submit my seventh annual report as Superintendent of Public Buildings, giving a detailed statement of new construction and of repairs on city buildings.

### BATH HOUSES.

The only new buildings erected during the year were the public bath houses. These were erected at Ashley's wharf, on East French avenue, from plans made by Mr. S. C. Hunt, architect. The building is a wood structure one story high, and is arranged for a waiting room and twenty-three dressing rooms for women; also a waiting room and thirty-two dressing rooms for men, and a boys' dressing room containing forty lockers; a janitor's room is provided, also suitable sanitary conveniences.

This building was completed in August, under a contract, and was used the balance of the season, and according to the report of the Joint Special Committee under which it was erected has been found quite satisfactory.

## SCHOOLS.

The principal work done on school buildings the past year was at the Harrington Training school.

In this building during the summer vacation of 1898, the old system of dry closets were replaced by a well ventilated system of water closets, with new drains carried to the street sewers; new slate urinals properly ventilated were provided; good draft was secured by adding twelve feet to the height of the main vent stack and smoke flues, and putting on a stone top of such construction as to prevent the down drafts which formerly gave much trouble, and to serve as a permanent protection to the brick work. A new vent stack heater was put in to insure permanent up draft. All of this work is of a permanent character, and was not disturbed by the heating and ventilating plant which was installed in 1899.

When the temporary ventilation which was provided in the fall of 1898, by order of the State Inspector at the request of the Board of Health, for the purpose of ventilating the class rooms was installed, it was found that the furnaces were only capable of furnishing heat and ventilation for six of the eleven class rooms; this necessitated the closing of five class rooms and of hiring rooms temporarily, for the classes which had used these five rooms.

This condition of things existed until June of the present year, when the City Government decided to put in a steam heating and ventilating plant for the entire building, and also to put the building in thorough repair. After receiving competitive bids for the heating and ventilating, a contract was entered into and the work proceeded with during the summer vacation.

The system is the low pressure gravity return, with mechanical air supply and exhaust; indirect radiation being used in the class rooms and direct radiation in the corrid-

ors and teachers' rooms. Two wrought steel horizontal tubular boilers were put in, of sufficient capacity to not only heat and ventilate the present building, but any addition that may be erected hereafter. Two fans driven by electric motor are used, one placed in the basement to supply the fresh air in the class rooms, and one in the tower above the third story, to exhaust the foul air and force it out through the open belfry windows in the tower, which has been found quite well adapted for this purpose.

In the eight room two story school buildings erected in this city in recent years, the gravity system of air supply and exhaust has been used with very good results, the necessary brick stacks containing supply and exhaust flues for this purpose being embodied in the construction. In the Harrington school the case was different this being a three-story building containing eleven class rooms. The erection of the necessary stacks would involve a large expense, and would take up valuable space in the class rooms and corridors, which could not be spared; besides the gravity system could not be depended upon to give that positive and uniform supply of fresh air in all conditions of the weather in a building of this class, which is obtained by the system now in use.

Much misapprehension exists as to the relative cost and efficiency of the two systems of ventilation, the mechanical or the gravity.

The efficiency of the gravity system depends largely on the condition of the weather. On close and muggy days the natural circulation is slow and insufficient, and in order to get the required amount it is necessary to heat the air to a high temperature in order to rarify it and create circulation; on other days when a very brisk wind is blowing the air travels through the heaters so fast that it requires a great deal of steam to heat it to the proper temperature.

In addition to this it is necessary to keep the vent flues heated at all times, in order to induce proper draft for ventilation, all of which when charged up in the coal bill, will be found somewhat expensive in the cost of operation.

I have found this to be the case in comparing the quantity of fuel used in the Harrington school which is one-third larger than an eight room school, yet the fuel used in the former since the ventilation was put in, was no more than that used in some of the eight room schools.

The mechanical system of ventilation is that in which the air is moved by a fan or blowers: the fresh air being sent into the rooms at the proper temperature in any desired quantity at all times regardless of weather conditions; the foul air is exhausted through the vent flues which are not heated, and are not affected by adverse currents, the force available being always sufficient to overcome the counter effects of wind or difference of temperature, it is for this reason always positive and reliable.

I am not all disposed to decry the gravity system of ventilation as applied in our eight room schools built in recent years; the tests made of the ventilation in them have shown as good results as has been yet attained, but we must consider that those tests are always made when the conditions were most favorable, that is, when the difference in the temperature between the outside and inside air is about thirty-five degrees; the results might be different under different conditions.

As to the relative cost of installing and maintaining both systems, the cost of installation would be slightly in favor of the mechanical system, while the cost of maintainance in both can be kept at about the same, by using water motors to drive the fans instead of electric or steam power. This can be done in the proposed new twelve room schools, as the new water supply is quite ample, but could not be done

at the Harrington school at the time that plant was installed, it being deemed doubtful that the pressure at that point was sufficient. Should the increased pressure be found sufficient to drive the fans, water power will be substituted for the electric power now used.

In the Benjamin school, which is a twelve room building, built ten years ago, the fan system which was installed when the building was erected, has not proved wholly satisfactory owing to the small size of the fresh air flues which causes the air to enter the rooms at a too great velocity and in insufficient quantities, and causes disagreeable drafts in the rooms; this can be remedied by increasing the size of these flues to correspond with those in the Harrington school where there is no trouble of this kind. In the latter school the State Inspector in his official report on ventilation says that, "The amount of air supplied and removed from the rooms in the aggregate is sufficient to meet the requirements of good ventilation."

The ventilation of school buildings is a subject that requires a good deal of study and thought in order to have it effective at the least possible cost; it also requires careful and intelligent management by the janitors in charge of the buildings.

New Bedford has reason to be proud of the fact that her schools are commended by the State Inspectors as among the best in the state in this respect.

## GENERAL REPAIRS TO HARRINGTON SCHOOL.

The entire building has been overhauled and put in thorough repair; much of the brick work of the upper section of the tower and turrets has been taken down and relaid; a portion of the main brick cornices was taken down and relaid; the whole exterior brick and stone work has been repainted and the white efflorescence on the brick



work that had so long disfigured the building was cleaned off, and it is hoped effectually "killed" by the application of a brick preservative, which I have found heretofore effectual in similar cases. The roof, including the tower roof, which had been covered with metallic shingles that had become much corroded and had leaked for a number of years, has been entirely covered with the best Maine slate; copper flashings has been put on the roof turrets, also the valley hips and ridges have been covered with copper.

In each of the two large normal class rooms in the third story, where the light was defective, a large dormer window has been erected.

The plastering throughout has been put in thorough repair and the walls and ceilings which had never been painted, have been given three coats of paint; all exterior wood and iron work has been painted two coats, and the interior or wood-work varnished; the entire basement floor has been relaid in Portland cement; the wiring for electric lighting has been put in repair and the gas service put in.

A large amount of mason and carpenter work was required in installing the heating and ventilating plant and in putting the building in proper repair.

### GENERAL SCHOOL REPAIRS.

Sundry minor repairs were made to other school buildings by the School Committee.

In the matter of school house repairs and of needed improvements in school yards, I would say that the Parker Street school building is very much out of repair. It needs new floors in a portion of the first, second and third stories; the stairs should have new treads; the plastering should be repaired and painted; the roof needs to be shingled and tinned; some of the brick work needs clean-



ing down and the joints pointed ; some of the main cornice should be made new ; new gutters and conductors are needed, and the whole building needs painting and varnishing. New school closets should be put in to replace the privies now in the school yard.

I would recommend also that when the building is undergoing repairs, a system of steam heating and ventilation be put in.

Regarding the Clark Street school yard, I would renew my recommendation of last year, that the yard be graded, retaining walls and curbing provided, and a fence put up where required.

At the Brock Avenue school which has been occupied two years, some things remain yet unfinished. The streets north and south of the school grounds should be opened up as far as the school yard extends, and the side walks laid to the entrances ; the yard needs grading and curbing. I want to say emphatically that I consider it dangerous to allow the school children to any longer rush out to the railroad tracks on Brock avenue, instead of going out to the side streets as was intended.

The contract for this building did not include painting the plastered walls nor brick corridor walls, consequently they have an unfinished look and are in good condition to be painted.

In 1896, the city bought a lot on the west side of Shawmut avenue at the head of Maitland street for a school building. This lot contains 102 square rods, (which is rather small for the purpose) ; there is only one street front. At the west line of the lot and laying between it and contemplated Chancery street, there is a strip of land running the entire width of the school lot, containing 38.74 rods. I think it would be good business to purchase this land before building, in order to have an ample school lot fronting on two streets.

There were only a few repairs made on school buildings during the past year, outside of what was done at the Harrington school. Many others of our school buildings are in need of more or less repairs; it would be well to have some of them attended to this year; the longer needed repairs are put off, the more it costs to make them.

### FIRE STATIONS.

There were only a few repairs needed in our Fire Stations outside of Station No. 9, owing to the widening of Acushnet avenue at this point. Additional land was bought, the building moved back some twenty feet, a new cellar built and the floor cemented, a small addition built in the rear and the building put in good repair.

### WHARF BUILDING.

Some needed repairs were made on the three story wooden building at the head of City wharf, now and for sometime occupied by Mr. William F. Potter, as a wholesale grocery store. There was also some repairs made on the four story brick building next north of the above; the three lower stories of this building are occupied for business purposes by several tenants; the entire fourth story is occupied by a club and is sometimes used by one hundred or more persons; the ways of egress from the fourth story in case of fire are wholly inadequate, there being only one narrow stairway leading to the street.

I would recommend that an additional stairway be built at the east end of the building, or that iron fire-escapes be built on the outside and that the doors be made to swing outwardly; this should be done as a measure of safety to conform to the laws of the Commonwealth.

## ALMSHOUSE.

Some needed improvements were made at the Alms-house during the year. The building throughout has been replumbed; bath-tubs, lavatories, water closets, wash-bowls, sinks and other necessary sanitary appliances for the use of the inmates have been provided.

As will be seen by my report of last year, the City water service, and sewerage were put in in 1897, and the main drain pipes laid in the cellar and connected with the sewer at that time. The house is now in an excellent sanitary condition.

The steam heating and cooking arrangements were attended to this year and greatly improved. A piazza has been built and other needed repairs made to the various buildings on the premises.

Some minor repairs have been made on other City buildings in addition to those before noted.

I desire to express my thanks to his Honor the Mayor, and to the different committees of the City Council, and to the School Committee, for their kindly co-operation and support in carrying out the work in my charge.

Respectfully submitted,

EDMUND O'KEEFE,

Supt. Public Buildings.



REPORT  
OF  
Inspector of Buildings..



# REPORT.

## BUILDING STATISTICS FOR 1899.

The number of building permits granted during the year for new buildings, alterations and repairs, and buildings moved and repaired, was 424, at an estimated cost of \$708,245.00. Classified as follows :

	No. Permits.	Estimated Cost.
New dwellings (including dwellings and stores combined,)	84	\$181,075
New buildings and additions of brick for manufacturing, business and office purposes,	22	318,851
Buildings of wood for manufacturing and business purposes,	37	66,775
Buildings for religious purposes,	2	13,500
Additions and alterations to dwellings, stores, etc.,	167	71,029
Buildings moved, altered and repaired,	40	8,930
Miscellaneous buildings, including barns, sheds, etc.,	72	13,085
Total,	424	\$673,245
Additions, alterations and repairs to City buildings for 1899,		35,000
		<u>\$708,245</u>

In this total there were 79 dwellings erected, containing 110 tenements, to which should be added 14 tenements in dwellings altered, and tenements over stores, making a total of 124 tenements at an estimated cost of \$162,235.00.



The dwellings erected are classified as follows :

56 dwellings of one tenement each, average cost per tenement,	\$1,881
15 dwellings of two tenements each, average cost per tenement,	1,155
8 dwellings of three tenements each, average cost per tenement,	925

The estimated cost of the buildings erected in 1898, was \$490,647.00, while those erected in 1899, cost \$708,245.00, showing an increase for 1899 over 1898 of \$217,598.00.

Of this total, the buildings erected for manufacturing, business and office purposes, cost \$385,620.00.

A large percentage of the dwellings erected are for the use of the owners, and are a desirable class of houses.

Nine old and worn out wooden buildings, most of which were in the central portion of the city, were taken down and replaced by a better class of buildings.

Section 45, chapter 481, of the Public Statutes, Acts of 1894, provides that the Inspector of Buildings shall, in the month of May of each year, inspect every room of every hotel and lodging house of ten or more rooms above the second story, in this city, to ascertain if the provisions of the law regarding means of escape from such rooms in case of fire, and that means of extinguishing fires are provided and complied with.

I have to report that such inspection was made in the month of May, and that I found in nearly all cases that the law complied with, and have so reported to the Chief of the State Police in Boston.

Forty-four written notices from this office were served on various parties throughout the city; twenty of these were for violations of the building ordinances, nine were for unsafe or unprotected buildings, and fifteen were for unsafe chimneys. Of these eight cases were adjusted through the action of the Committee on Buildings in the Fire Districts. Thirty-six cases were adjusted through the Inspector's office.

I desire again to call your attention to the necessity of

revising to some extent the building ordinances of the city ; the necessity for doing so becomes more apparent as the city continues to grow.

I shall merely outline a few of the more important changes that I would like to see introduced in the construction of our buildings.

Good strong foundations and underpinings ; also strong brick piers of iron columns for the support of buildings should be insisted on.

All brick chimney flues, should have an eight inch shell, or if built with a four inch shell, should have a terra-cotta or other lining. In this connection I can say, from data in my possession, that there are more fires in dwellings caused by defective chimney flues, than from all other causes combined.

Where one or more families are to occupy tenements above the first story, that two flights of stairs placed as far apart as possible, shall be provided to reach every story containing living or sleeping rooms, in order to make safe exits in case of fire. The necessity for this requirement has been forcibly brought out in the case of a recent fire in this city where four persons lost their lives.

This matter has received the attention of the Committee on Buildings in the Fire Districts, to the extent that the following vote was passed at a meeting of the committee held December 28, 1898 :

Voted, That all dwellings containing two or more tenements, shall have not less than two inside stairways to reach every floor containing living or sleeping rooms, the stairways to be placed as far apart as practicable or as may be directed by the Inspector of Buildings.

There are certain tenement houses that are considered dangerous fire-traps in this respect. Would it not be well to stop increasing the number of such ?

Wooden buildings should be placed a sufficient distance

apart on adjoining lots to allow facilities for putting out fires ; where wooden buildings are allowed nearer the line than the prescribed distance, the wall next the line should be built of brick or stone with openings if any in said wall to be provided with fire-proof shutters.

The erection of stables of any kind nearer than a certain limited distance to dwellings should be prohibited.

There are other questions and ideas relating to the work of the Committee on Buildings in the Fire Districts which are not here mentioned, but which will be brought before your honorable body in due time by the committee.

Much of the Inspector's work consists in giving directions and advice as to the proper and safe construction and repair of buildings ; examination of plans and specifications filed in the office for approval ; seeing that the building ordinance and regulations of the city are complied with ; also in attending to many other matters not here tabulated.

I must gratefully thank the Committee on Building in the Fire Districts for the able and painstaking manner in which they have advised and assisted in all matters pertaining to the work of the office.

Respectfully submitted,

EDMUND O'KEEFE,

Inspector of Buildings.

IN BOARD OF ALDERMEN,

June 28, 1900.

Received, ordered printed in the City Documents, and  
sent down for concurrence.

D. B. LEONARD, City Clerk.

IN COMMON COUNCIL,

6 mo. 28, 1900.

Concurred.

WM. A. MACKIE, Clerk.



1900—CITY DOCUMENT No. 13.

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# REPORT

OF THE

## BOARD

OF

# Overseers of the Poor

OF THE

CITY OF NEW BEDFORD

For the Year 1899.

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NEW BEDFORD:  
MERCURY PUBLISHING CO., CITY PRINTERS.  
1900.





# MEMBERS OF THE BOARD.

---

CHARLES S. PAISLER,  
ALBERT H. W. CARPENTER,  
EZEKIEL C. GARDINER.

---

# OFFICERS OF THE BOARD.

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CHARLES S. PAISLER,  
*Chairman.*  
ALBERT H. W. CARPENTER,  
*Secretary.*  
ELLA F. BUCKLYN,  
*Clerk to the Board.*  
AUGUSTUS A. WOOD,  
*Visitor to the Board.*  
ANTONE H. SENNA,  
*Interpreter to the Board.*  
JOHN V. THUOT, M. D.  
*Physician, North District.*  
JAMES F. SULLIVAN, M. D.  
*Physician, South District.*  
FREEMAN H. ASHLEY,  
*Keeper of Almshouse.*  
CHARLOTTE S. ASHLEY,  
*Matron of Almshouse.*  
REV. EDWARD WILLIAMS,  
*Chaplain of Almshouse,*  
ANDREW J. ASHLEY,  
*Keeper of Wood and Coal Yard..*

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OFFICE, CITY HALL. Open daily from 9 to 12.30, and from 2 to 4  
P. M. Saturdays, from 9 A. M. to 1 P. M.



## REPORT.

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*To His Honor the Mayor, and the City Council of the City of New Bedford:*

GENTLEMEN:—The Board of Overseers of the Poor respectfully submit their annual report for the fiscal year ending December 4, 1899.

The appropriation subject to the control of this board for the year 1899 was \$55,000. On the first meeting of the Common Council in February, 1899, it was voted to give this department all reimbursements from different sources which was of much gratification to the board. Previous to this order of the Common Council there had been received by the treasurer \$4,499.31 which had to be placed to unappropriated funds. Had this amount also been placed for our direct use the total amount of credits to this department would have been \$15,682.98. As it was however, at the end of the year, we had a balance of \$3,848.57 to go to unappropriated funds, as you will see by the tables and financial statement.

Several changes have occurred in the department. Andrew J. Ashley was elected in March 1899, to the keepership of the wood and coal yard to fill the position of Stephen P. Coffin deceased, who for several years had served well and faithfully. The wood yard now looks neat, and is most admirably conducted under the new management.

Then also in April, 1899, a new keeper and matron of Almshouse were elected, and many changes have been

made to the interior of the buildings by the Committee on City Property, to whom we are especially thankful for carrying out all our wishes in the matter. While there has been some disappointment in the receipts which should have accrued to this department from the sale of produce, etc., yet we think the coming year will see a marked improvement as the new keeper realizes the responsibility upon him. The board would state here that the amounts from the sale of produce and hay of \$178.44 mentioned in the financial statement, must be credited to the former superintendent in charge previous to April, 1899.

The city farm never in its history presented a finer appearance than it did last summer, under the management of the new keeper, who understands this work thoroughly and the best results to be obtained in all matters of gardening.

As to the outside relief, it has been our constant aim to relieve all the suffering coming within our province, which has been comparatively mild this year, owing to the revival of business, and the work which all have been able to obtain during the past year.

We refer you to the appended tables, which will give you as far as figures can, of the work in this department, together with the reports from the Almshouse Department, and the physicians employed by the board for the north and south districts.

Respectfully submitted,

CHARLES S. PAISLER, Chairman.  
A. H. W. CARPENTER, Secretary.  
EZEKIEL C. GARDINER.

## FINANCIAL STATEMENT.

## DR.

To amount of appropriation,	\$55,000.00
Received from cities and towns for support of paupers,	4,123.00
Received from State for support of paupers,	5,309.82
Received from individuals for board of insane and paupers,	1,553.16
Miscellaneous,	19.25
Amount from sale of produce,	88.44
Amount from fire department,	90.00
	<hr/>
	\$66,183.67

## CR.

By amount expended as per monthly audits, as follows :

Months.	Outside Relief.	Lunatic Hospitals and State Institutions.	Cities and Towns.	Alms-house.	Totals.
'98. December.	\$2,862.41	\$85.42	\$200.78	\$1,828.52	\$4,977.13
'99. January.	3,024.70	2,670.77	363.64	1,454.46	7,513.57
February.	2,406.88		76.50	1,373.06	3,856.44
March.	3,464.47	231.79	6.27	1,475.83	5,178.36
April.	2,730.68	2,579.46	58.69	1,588.94	6,957.77
May.	1,904.48	294.73	51.56	1,660.53	3,911.30
June.	1,993.09	84.50	26.50	1,432.53	3,536.62
July.	1,708.80	2,731.38	233.83	1,555.47	6,229.48
August.	1,738.10	70.95	48.36	1,576.53	3,433.94
September.	1,763.04	85.42		1,862.06	3,710.52
October.	1,787.16	2,639.67	5.71	2,150.06	6,582.60
November.	2,892.84	1,025.73	45.45	2,483.35	6,447.37
Totals.	\$28,276.65	\$12,499.82	\$1,117.29	\$20,441.34	\$62,335.10

# EXPENDITURE IN DETAIL FOR OUTSIDE RELIEF, 1899.

MONTHLY AUDITS.	Groceries.	Lunatic Hos- pital and State Institution.	Cities and Towns.	Cash Orders.	Salaries.	Physicians and Medicines.	Burials.	Boots and Shoes.	Transporta- tion.	Horse Hire.	Office Ex- penses.	Stationery and Printing.	Board Outside	Wood and Coal Yard.	TOTALS.
'98. December.	\$1,567.50	\$85.42	\$200.78	\$191.54	\$272.98	\$170.00	\$84.00	\$28.13		\$6.00	\$5.50	\$ .15	\$13.00	\$523.61	\$3,148.61
'99. January.	1,527.50	2,670.77	303.64	188.45	266.38	194.03	269.50	17.98			.92	12.88		547.11	6,059.11
February.	913.75		76.50	182.30	249.55	196.54	45.00			3.00	1.85	12.33		802.56	2,483.38
March.	2,505.07	231.79	6.27	165.10	249.55	183.03	151.00	6.75	\$11.50	8.60	2.50	11.95	13.00	156.42	3,702.53
April.	1,409.25	2,679.46	58.69	209.52	287.98	173.00	121.00	3.25		4.00	71.97	14.38	32.14	404.19	5,368.83
May.	1,081.00	294.73	51.56	146.50	249.55	182.05	102.00	1.48		3.40	3.15			135.35	2,250.77
June.	1,099.75	84.50	26.50	231.34	249.55	173.00	75.50	5.62		8.75	34.69	21.82	30.13	62.94	2,104.09
July.	893.00	2,731.38	233.83	198.80	287.98	182.15	65.00	9.50		4.00	.75	15.30		52.32	4,674.01
August.	883.50	70.95	48.36	187.63	249.55	176.00	182.50	2.34		1.75	1.20	20.20		63.43	1,857.41
September	935.00	85.42		178.50	287.98	170.00	102.00	11.68		2.00	.70	9.50	13.00	52.68	1,848.46
October.	892.75	2,639.67	5.71	213.67	249.55	175.30	40.00	11.78		4.00	143.96	.50		55.65	4,432.54
November.	835.00	1,025.73	45.45	254.48	289.73	172.40	164.00		49.25	7.50	.50	80.62		1,039.36	3,964.02
Totals.	\$14,513.07	\$12,499.82	\$1,117.29	\$2,347.83	\$3,130.33	\$2,147.50	\$1,401.50	\$98.51	\$60.75	\$53.00	\$267.69	\$199.58	\$101.27	\$3,895.62	\$41,893.76

# DETAILED EXPENDITURE AT THE ALMSHOUSE, 1899.

Months.	Flour and Grain.	Dry Goods and Clothing.	Beef, Fish, etc., etc.	Groceries.	Shoes, Hats, and Leather.	Furniture and Crockery.	Hardware.	Fuel.	Repairs on Premises.	Carriage Repairs and Blacksmithing.	Superintendent Labor and Nursing.	Medicines.	Oils, Paints, etc., etc.	Dressing.	Lighting.	Miscellaneous.	Totals.
'98, December.	\$108.07	\$57.60	\$78.07	\$281.55	\$35.10	\$10.38	\$46.51	\$146.54	\$71.44	\$17.42	\$632.12	\$45.93	\$25.66	\$248.19		\$25.94	\$1,838.52
'99, January.	125.06	42.23	85.45	248.78	26.25	12.28	19.79	161.59	14.50	25.58	638.87	20.20			\$31.11	2.77	1,454.46
February.	102.72	39.58	72.29	171.13	20.58	5.15		156.82	28.11	5.50	667.05	28.27	4.74		71.12		1,373.06
March.	120.48	51.26	71.52	215.64	22.45	8.16	16.81	136.66	28.84	17.23	670.33	42.05	4.86		67.64	1.90	1,475.83
April.	147.47	51.34	83.87	254.98	22.25	63.11	1.04	175.51	1.69	18.80	671.95	30.45	9.99		56.49		1,588.94
May.	129.44	65.49	71.30	324.87	15.45	74.25	14.71	151.80	2.20	41.25	702.47	26.85	1.95		37.15	1.35	1,660.53
June.	120.12	39.51	80.75	162.09	10.10	36.93	72.54	67.20	13.38	15.61	725.76	47.66				40.85	1,432.53
July.	156.49	45.27	84.08	307.08	28.30	5.72	5.68		2.98	6.00	807.58	57.54	10.18		37.06	1.60	1,555.47
August.	79.90	31.53	74.75	241.80	14.50	38.83	10.90	93.51	84.33		752.85	103.42	3.30		43.91	3.00	1,576.53
September.	180.42	50.36	70.36	286.01	20.08	2.16	54.60	166.97	35.65	154.09	756.06	31.26			52.19	1.85	1,862.06
October.	143.33	50.08	74.55	333.85	43.55	459.45	87.35	83.36		17.83	738.61	45.40	10.05		59.65	3.00	2,150.06
November.	195.60	91.36	90.20	352.61	16.95	228.44	8.36	173.13		17.81	770.17	85.25	6.10	232.85	70.62	143.90	2,483.35
Totals,	\$1,609.10	\$615.61	\$937.22	\$3,180.39	\$275.56	\$944.86	\$338.29	\$1,513.09	\$283.03	\$337.12	\$8,533.82	\$562.28	\$76.83	\$481.04	\$526.94	\$226.16	\$20,441.34



## STATISTICS OF OUTSIDE RELIEF.

Gross cost of persons outside of almshouse,	\$41,893.76
Receipts from various sources,	11,183.67
	<hr/> \$30,710.09
Amount paid for persons in State hospitals, and in other cities and towns chargeable to this city,	\$13,617.11
Number of families aided in 1899,	658
"        "        settlement here,	341
"        "        settlement elsewhere,	104
"        "        State paupers,	213
Number of persons aided in 1899,	2,069
"        "        settlement here,	1,050
"        "        settlement elsewhere,	353
"        "        State paupers,	666
Average cost of aid to each family yearly,	\$25.67
"        "        "        "        person yearly,	8.29

## TRANSPORTATION.

Number of persons sent to their homes,	44
"        "        "        "        State almshouse,	57

## BURIALS.

Males, 79; females, 55;	134
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## INSANE.

Number of insane at asylums during the year—males, 44; females, 50.  
 Remaining at city expense, Nov. 30, 1899:

At Taunton Insane Hospital,	55
Medford Insane Hospital,	11
Westboro Insane Hospital,	2
Worcester Insane Hospital,	1
Worcester Insane Asylum,	1
Massachusetts School for Feeble Minded,	3
Massachusetts School for Epileptics,	1
Massachusetts Hospital for Dipsomaniacs,	2
State Farm Hospital,	1

## PAUPERS AIDED ELSEWHERE,

But having settlement here (exclusive of lunatics)—Families, 32; persons, 86.

Amount paid for their support in 1899,	\$1,117.29
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## ALMSHOUSE REGISTER.

Number remaining November 30, 1898, . . . . . 86

MONTHS.	ADMITTED.	DISCHARGED.	REMAINING.
1898. December.	12	7	91
1899. January.	8	12	87
February.	2	5	84
March.	3	7	80
April.	8	12	76
May.	12	10	78
June.	12	5	85
July.	6	7	84
August.	6	10	84
September.	6	10	76
October.	13	15	74
November.	8	4	78
Totals.	96	104	973

Whole number during the year,	182
Discharged during the year,	104
Remaining November 30, 1899,	78
Average daily number,	78

## PRODUCE OF THE CITY FARM, 1899.

Potatoes,	1,140 bushels.
Onions,	205 "
Squash,	6,000 pounds.
Turnips,	980 bushels.
Beets,	12,000 pounds.
Cabbage,	8,400 head.
Corn, sweet,	3 acres.
Corn, field,	1,020 bushels ears.
Oats,	169 bushels.
Hay,	30 tons.
Straw,	10 "
Corn fodder,	20 "
String beans,	40 bushels.
Peas,	15 "
Parsnips,	10 "
Carrots,	15 "
Pork,	5,850 pounds.
Fowl,	217 raised.
Tomatoes,	70 bushels.
Milk,	43,690 quarts.
Celery,	8,500 plants.
Cucumbers,	30 bushels.
Melons,	40 musk melons.
Lettuce,	200 plants.
Berries,	

# REPORT OF THE PHYSICIAN

OF THE

NORTH DISTRICT

TO THE

BOARD OF OVERSEERS OF THE POOR.

---

GENTLEMEN :—Herein I submit my report for the year ending December 4, 1899, making but eleven months service.

During that period I have made 836 house visits, received 383 office calls, and visited the almshouse 55 times, being on duty there during February, April, June, August and October. There have been 12 births and 23 deaths, 10 of which deaths occurred at almshouse.

To the members of the Board of Overseers of the Poor I sincerely appreciate all the courtesies extended to me during the year.

Respectfully submitted,

JOHN V. THUOT, M. D.

REPORT OF THE PHYSICIAN  
OF THE  
SOUTH DISTRICT  
TO THE  
BOARD OF OVERSEERS OF THE POOR.

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GENTLEMEN:—I have made during the year 1899:  
House visits, 910; office calls, 208; visited almshouse 44  
times. Births, 9; deaths, 10, and 8 deaths at almshouse.

Respectfully submitted,

JAMES F. SULLIVAN, M. D.

IN BOARD OF ALDERMEN,

May 10, 1900.

Received, ordered printed in the City Documents, and  
sent down for concurrence.

D. B. LEONARD, City Clerk.

IN COMMON COUNCIL,

5 mo. 10, 1900.

Concurred.

WM. A. MACKIE, Clerk.





1900—CITY DOCUMENT No. 15.

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Fifth Annual Report of the ❀ ❀  
Board of Cemetery Commissioners,  
For Year Ending December 4th,  
1899. ❀❀❀ New Bedford, Mass.



CEMETERY BOARD:

JAMES DELANO, Chairman.

JOHN G. NICHOLSON.

CHARLES H. VINAL, Secretary.

CLERK OF THE BOARD:

PARDON A. MACOMBER.

SUPERINTENDENT:

CHARLES F. CORNELL.

CEMETERIES:

RURAL,

OAK GROVE,

PINE GROVE,

GRIFFIN STREET.

# CITY OF NEW BEDFORD.

## OFFICE OF CEMETERY BOARD.

New Bedford, Mass., Dec. 4th, 1899.

To the City Council of New Bedford.

Gentlemen :

The Board of Cemetery Commissioners .  
respectfully submits its Fifth Annual Report, the same  
being for the year ending December 4th, 1899.

### DR.

Balance old account,	\$417.19
Annual appropriation Feb. 9, 1899,	12,000.00
Special appropriation Sept. 27, 1899,	4,500.00
Receipts labor perpetual care lots,	1,412.97
Receipts labor on lots,	4,710.70
	<hr/>
	\$23,040.86

### CR.

By transfer to unappropriated funds, see	
Auditor's Report, balance old acct.,	\$417.19
Expenditures general,	21,970.27
Balance to new account,	653.40
	<hr/>
	\$23,040.86

## RECEIPTS AND EXPENDITURES.

### SALE OF LOTS.

#### DR.

Balance old account,	\$1,725.10
Receipts to Dec. 16, 1899,	3,490.00
	<hr/>
	\$5,215.10

#### CR.

Expenditures, (improvement and embellishment),	\$4,651.64
Balance to new account,	563.46
	<hr/>
	\$5,215.10

For a detailed account of expenses reference is made to the City Auditor's Report.



RECOGNIZING the fact that great advantages are gained by the co-operation of lot owners, the Cemetery Board has for the last few years extended its Annual Report beyond its bare financial receipts and disbursements, and has sought by illustrations and a few suggestions to lot owners, to further the work of progress and improvement. The development of the ground along the line of modern cemetery practice has done much to revive the interest of lot owners, and their renewed effort to improve and care for their lots is apparent in all parts of the cemeteries.

It is brought about by keeping the grounds neat and attractive, clean avenues, well kept lawns and lots, trees and shrubs in variety, flower beds here and there, and a superintendent who is in touch with everyone, easy to approach, sympathetic in nature, courteous at all times.

The administration of this year, deeming it advisable to curtail the expenditures in all its departments, made no exception of the cemeteries, and as will be seen by reference to the annual appropriation made to this department, it was several thousand dollars less than that of previous years. The board has sought by judicious management to keep its expenditures within the amount appropriated, and has at the same time accomplished a large amount of work which the following statistics, taken from the Superintendent's Report, will show.

## SUPERINTENDENT'S REPORT.

The season of 1899 has presented many favorable conditions for the progress of work in the cemeteries, fifty-eight men and four teams have been steadily employed nearly the whole year.

The severe drought of the summer has killed the grass in many places, and will require a large amount of labor and care during the coming season to restore it to its former condition. The dry weather was, however, favorable for work required to be done in the lower and swampy portion of the cemeteries.

Number of feet of new wall constructed,

Rural 280 feet.

Oak Grove 525 feet.

Avenues repaired,

Rural 200 feet.

Oak Grove 1050 feet.

Drains laid,

Rural 150 feet.

Oak Grove 78 feet.

Concrete walks laid,

Oak Grove 104 feet.

Avenues constructed (new),

Rural 546 feet.

Number of lots prepared for sale,

Rural 36.

Oak Grove

Number of single graves,

Oak Grove 62.



Number of lots cared for,  
Rural 779.  
Oak Grove 616.  
Pine Grove 38.

Increase over last year,  
Rural 21.  
Oak Grove 6.  
Pine Grove 10.

Number of neglected lots refitted,  
Rural 5.  
Oak Grove 4.

Number of neglected graves refitted,  
Rural 60.  
Oak Grove 10.

Number of neglected headstones refitted,  
Rural 35.  
Oak Grove 25.

Hedges condemned and removed,  
Rural 8.  
Oak Grove 5.

Trees removed,  
Rural 3.  
Oak Grove 4.  
Friends 3.

Trees and shrubs added during the year,  
Rural 150.  
Oak Grove 208.  
Pine Grove 20.

Number of lots sold 121.

Number of interments in 1899,

Rural 313.

Oak Grove 249.

Pine Grove 12.

Number of bodies entombed,

Rural 34.

Oak Grove 35.

Removal to other cemeteries,

Rural 10.

Oak Grove 11.

Foundations for headstones,

Rural 134.

Oak Grove 88.

Pine Grove 13.

Friends 5.

Foundations for monuments,

Rural 10.

Oak Grove 7.

Pine Grove

One new section in Rural Cemetery has been prepared for public ground with a burial capacity of 304.

Two new sections in Rural, and two in Oak Grove Cemeteries are in process of construction.

It may be interesting to know that there are now interred in

Rural Cemetery,	9,736 persons
Oak Grove Cemetery,	10,158 persons
Pine Grove Cemetery,	444 persons
Total,	20,338

Total area of Rural Cemetery, 85 acres, 86.74 rods.

Total area of Oak Grove Cemetery, 41 acres, 116.20 rods.

Total area of Pine Grove Cemetery, 10 acres, 89.60 rods.

Total area of all the cemeteries 137 acres, 132.50 square rods.

C. F. CORNELL,  
Superintendent.

During the past year the Board have required that all employees in the cemeteries shall wear a uniform dress, consisting of blue overall material, with blouse. This uniform dress is but a small expense to the laborer, yet it removes that tramp-like appearance of the workmen, and tends to promote neatness and order in the performance of their work.

### OAK GROVE CEMETERY.

The rapid extension of this cemetery in the new part has been quite apparent this year. It has been conducted on the Lawn Plan, and great progress and improvement has been accomplished by this system, and at much less expense and waste of ground.

The fence formerly surrounding the public ground at the right of the Parker Street entrance, has been removed, and the appearance as you enter the grounds is a beautiful lawn embellished with beds of flowers and shrubbery, and you are pleased and satisfied with its natural appearance of peace and quiet, and are led to believe that the dead are not altogether forgotten and neglected by the living.

The little shed formerly used as a tool-house and shop has been removed, and a large and commodious building has been constructed sufficiently adequate to store all the tools, implements and apparatus used on the grounds. It also serves as a shelter-house in case of storm or extreme heat.

During past years the offices and waiting-rooms at Oak Grove and Rural Cemeteries have been insufficiently heated by oil stoves, these, because of their odor, smoke, and poor heat, have made these waiting rooms somewhat dingy and distasteful to those who are fre-

quently detained at the cemetery and seek shelter and comfort in them from the cold and storms of winter. By a special effort the Board have been able to reserve sufficient funds from its receipts of this year to install a complete hot water system for the heating of the buildings in each cemetery and the waiting rooms are now warm and comfortable.

### THE PECKHAM WEST CEMETERY.

This cemetery is situated in the north-west part of the city, in Mt. Pleasant, and is composed of private grounds. It was, however, the purpose of the owners to present this cemetery to the City of New Bedford, and notice relative to a movement in this direction was published in the local papers; pursuant of this action, the Cemetery Board and Burial Committee from the City Council, made a visit of inspection to this ground. The cemetery though beautifully located, in many respects presents a sad and neglected appearance; quite a large portion of ground still remains unimproved; considerable outlay would be necessary to place these grounds in desirable condition for burial purposes. A number of lots are already placed in perpetual care of the city, and a few show special care from their proprietors.

While it is the judgment of the majority of citizens that all cemeteries should be under the control and government of the city, it will, however, require special legislation to permanently establish this condition relative to this cemetery.

## PINE GROVE CEMETERY.

We have by illustration tried to present the approach to this cemetery; its crude and untidy appearance is not in keeping with the pretty little cemetery at its terminus, which is destined to become in the future the most popular of the city's cemeteries. This approach, however, is an accepted street of the city, and its care, repair, and improvement, is within the province of the Board of Public Works. Several appeals have been made to this Board by the Cemetery Commissioners, to improve this approach, and we believe if this could be accomplished, increased demands would be made for the purchase of lots and new extensions and improvements warranted in these grounds.

The unsightly ice-houses on the left of the approach should be purchased and removed, the pond in front should be annexed to the grounds; and the entrance widened and improved.

The natural facilities which this cemetery and its surroundings afford, together with a reasonable expenditure by the Board of Public Works in the improvement of the approach, would make these grounds desirable and attractive, and relieve the over-crowding tendency in the older cemeteries of the city.

## ENGINEERING.

The Board is indebted to the City Engineer, William F. Williams, for his untiring interest and his readiness to furnish the required assistance from his department necessary for the progress of work in cemeteries.

Much credit is due to Mr. Williams who has completed the platting of Rural, Oak Grove and Pine Grove Cemeteries. The plat books are posted to the



end of the year, and the city is to be congratulated upon having the most complete and comprehensive system of cemetery records of any city in the Commonwealth.

Surveys and plans of lots, lines and grades for the construction of walls, avenues and sections, levels and profiles to establish grades for avenues, staking of sections and lots, plans of sections, indexes, etc., all of which represent a large amount of labor and expense from the department and largely contributes to the progress made during the year in the several cemeteries.

The work of plotting Griffin Street Cemetery has been commenced, and it is hoped will be completed next year; this will be used merely for the convenience of reference, it being a closed cemetery.

### GREENHOUSES.

The Board have long considered the advisability of establishing and maintaining a greenhouse in connection with the cemeteries.

It is unnecessary to go into the extended details as to the many advantages to be derived from nurseries and greenhouses in the cemeteries, yet we believe they are almost indispensable from an economical and financial point of view; they are practical auxiliaries, and their value and importance can only be realized when such things are established and operated.

Aside from, and far above the financial value, is the incentive it gives to collect and grow on our own grounds a varied collection especially adapted to the climate in which we live; along this line the sextons have for the past three years maintained a few cold frames at the cemeteries, in which plants receive an



early growth and are transplanted to large beds in the cemeteries as soon as the weather will permit. The result of this venture has been far more satisfactory, and the beauty of these beds is admired more than the costly beds supplied by the florists and nursery-men, and we believe that greenhouses should eventually be operated in our cemeteries.

### SUGGESTIONS TO LOT-OWNERS.

The Board desire purchasers of lots to visit the grounds and make their own personal selections, the Superintendent, Mr. Charles F. Cornell, is in almost constant attendance at the cemeteries.

The Board recommend purchasers wishing to erect monuments or to improve their lots, to consult freely with the Superintendent; he has no interest apart from the lot-holders and their cemetery, and can from his experience give very useful advice and save much disappointment to those who may only once in their lifetime have to give thought to these matters. He has charge of all grading or improvement of lots; the building of foundations, graves, or any other work, except the erection of monuments, and therefore has had great experience and gives the subject much thought.

We propose this for our mutual interest, the cemeteries and that of the lot-holders.

### LOT ENCLOSURES.

Lot enclosures are of very great importance in our cemeteries; first to the Board of Management and its officers, and secondly to the lot owners themselves. Lot enclosures are unsightly in appearance and con-

trary to good taste, beside requiring a good deal of labor and expense to keep them in repair, and they destroy the general good appearance of the cemetery.

Some difficulty is met with in trying to do away with enclosures, as there is a natural tendency in a great many people to be as exclusive and private in their lots as in their dwellings, but when we come to see the confusion and unsightly appearance caused by stone, iron fences, and copings, it becomes our duty to appeal to the good sense and taste of the lot owners to avoid them altogether. To the lot owners they are an unnecessary expense; first, for their construction, and afterward for their maintenance and repair, as they easily get out of order by displacement become unsightly from stains and rusting, and are too often a great source of annoyance.

Again, when the heads of families pass away and the care of these enclosures devolves on relatives or friends, the work is generally neglected altogether and the cemetery is left a very unsightly legacy.

If the lot owners wish to spend their money on their lots let them concentrate it on their monuments and and statuary, which are ornamental, more durable, and much more to the credit of the owner and cemetery than stone or iron enclosures.

In cemeteries on the lawn plan system, a work of art such as a stately monument or a graceful statue is easily seen, and stands by itself for admiration and the visitor cannot fail to see it, while in a cemetery where enclosures are permitted and much stone-work, a work of art is lost sight of in the confusion of its surroundings, and you have to go and look for it if you wish to see it.

To quote a well-known paragraph from the writings

of the celebrated Washington Irving on this subject : "Why," says he, "should we seek to clothe death with unnecessary terror, and spread horror around the tomb of those we love? The grave should be surrounded with everything that might ensure tenderness and veneration. Can this be done by having lots enclosed with stone posts, iron bars, and chains?—the sight of which is repulsive in the extreme, as it conveys the idea of rudeness and confinement."

If we want to make our cemeteries popular, we must make them attractive by ornamenting them with nature's rural dress, assisted by appropriate art, and we must remove from the scene everything that is repulsive and unprepossessing. Here the thoughtful meditation suggested by the presence of death, is most likely to be presented to our minds. Few people stop to think how important these meditations are, and how productive of good resolutions for the future. We are too apt to slight the cemetery, and to think little of its religious influence and power to elevate the mind, above things of the earth.

### PERPETUAL CARE.

At the present time it is very generally recognized that some permanent provision should be made for the care of cemetery lots, and it is very satisfactory to note that there is a growing interest in the subject of perpetual care of lots.

The plan adopted by our city is the requirement of a certain sum of money deposited with the City Treasurer by the lot-holder, which fund is separated from all other funds and placed on deposit in the savings banks of the city, the income of which is devoted to keeping the lot in good order, the cleaning of monuments, stones, etc. The principal cannot be en-

croached upon, nor the income used for any purpose except that to which it was originally devoted. A burial ground unprotected and neglected presents a cheerless and sad spectacle; it is, therefore, of vital importance that lot owners (while living) should provide a sum for perpetual care, and by its establishment the responsibility of the work is placed where it belongs and in the proper channel.

Amount of Perpetual Care Fund,	\$51,529.93
Amount expended on lots in perpetual care in 1899,	1,990.75
Number of lots placed in perpetual care in 1899,	54
Total number of lots in perpetual care,	
Rural Cemetery 324.	
Oak Grove Cemetery 218.	
Pine Grove Cemetery 6.	
Friends Cemetery 9.	
Peckham West Cemetery 3.	
St. Mary's Cemetery 1.	
St. John's Cemetery 1.	

In the above report the Board have presented something of the work accomplished in the cemeteries during the year, some of the future needs of the cemeteries, and some suggestions which we believe are for the best interests of the lot owners and their cemeteries, that all may co-operate in the direction of beautifying grounds that are now beautiful, that our cemeteries may be called "Gardens of the Dead" rather than mere places of burial.

Respectfully submitted,

Signed :

JAMES DELANO, Chairman.  
 JOHN G. NICHOLSON,  
 CHARLES H. VINAL, Secretary.

Revised Rules and Regulations in Relation to the Use  
and Management of Cemeteries of the City of  
New Bedford, Mass.

Rule 1.—The cemetery gates shall be opened daily from March 31 to October 1 until 7.30 P. M., and during the remaining months until sunset.

Rule 2.—No vehicle shall be driven in the cemetery faster than at the rate of five miles an hour.

Rule 3.—Funerals on reaching the cemetery will be under the charge of the Superintendent or his assistants. Drivers must remain on their carriages or stand by their horses during funeral services.

Rule 4.—Carriages must not be turned in any avenue, and no horse shall be left unfastened without a driver.

Rule 5.—Persons on horseback will ride only on carriage ways.

Rule 6.—Persons within the cemetery, conducting themselves improperly, will be requested to leave instantly, and upon refusal, will be compelled to do so, and will be subject to prosecution.

Rule 7.—All persons entering or passing through the cemeteries are required to keep to the paths or avenues.

Rule 8.—Dogs will not be allowed in the cemetery.

Rule 9.—No fire-arms allowed, except at military funerals and Memorial Day services.

Rule 10.—Trees and Shrubs. No person shall break or injure any tree, shrub or plant.

Rule 11.—All persons are forbidden to gather flowers except upon their own lot.



Rule 12.—Hedges, wooden trellises, and posts and chains, for the purpose of inclosure, are prohibited in the grounds of the cemetery hereafter.

Rule 13.—The planting of trees or shrubbery upon lots shall be made under the supervision of the Superintendent. No new fences or hedges about lots will be allowed.

Rule 14.—The terms for the annual care of lots may be ascertained on application to the Superintendent at the office.

Rule 15.—No grading or filling of lots except by order of Superintendent.

Rule 16.—Stone and Monumental Work. All granite or marble work must rest upon a stone foundation, laid with cement, below frost.

Rule 17.—All foundations for any structure to be placed in or upon any grave or lot in any cemetery must be constructed under the supervision of the Cemetery Board and of its Superintendent. If preferred, the Cemetery Board will construct all foundations at cost price to the person ordering the same.

Voted, That under Rules 16 and 17 of Rules and Regulations in relation to the use and management of cemeteries of the City of New Bedford, no person owning, or having a right of burial, in any of said cemeteries shall place, erect, or construct any tomb, headstone, curbing, foundation, or permanent structure of any kind in such lot without first having submitted to the Superintendent of Cemeteries full and complete plans and specifications thereof and an application therefor signed by the person owning or having a right of burial in such lot, and by the person employed to do the work, which plans and specifications shall be approved and such application shall be granted by the

Cemetery Board and its Superintendent before any work shall have been begun upon said lot and before any material therefor shall have been placed upon or within said lot.

Rule 18.—Rubbish. All rubbish collected by work of any kind must be cleaned up by the parties employed on that work, and the grounds left in good order. All work must be done during the working days of the cemetery, and cease at the close of the cemetery gates.

Rule 19.—No material for the building or setting of monuments or tablets, will be received or allowed on Saturdays, unless by permission of the Superintendent.

Rule 20.—No work will be allowed to be delivered or set in the spring until the ground has fully settled and is in proper condition.

Rule 21.—Receiving Tomb. Bodies may be deposited in the receiving tomb under such regulations and upon payment of such sums as may be fixed by the Commissioners from time to time.

Rule 22.—Funerals. Early notice of funerals must be given to the Superintendent of the Cemetery, who will make all the arrangements for the interment.

Rule 23.—Unpaid Bills. The Superintendent shall refrain from doing any work of any nature on a lot or grave in the cemetery, while any bill is due on account of said lot or grave; provided, however, that this rule may be waived at any time by the Board of Cemetery Commissioners.

Rule 24.—Undertakers are required to have all orders for interment signed by a proprietor or some authorized person, and accompanied with the necessary town or city permit. Where there is so great a liability to make mistakes in names and dates for record, undertakers should be particular in having their orders correct.



Rule 25.—No deposit, made for the preservation and care of any lot, shall entitle such lot to any expenditure for such preservation or care, until the amount of the deposit with the accumulated interest upon such deposit shall have reached such a sum as, in the judgment of the Cemetery Board or such other officer or officers having control of the cemeteries, shall yield an income sufficient for the preservation and care of the lot, in behalf of which said deposit has been made. Whenever a deposit, with or without accumulation, equals the sum of one hundred dollars, such lot shall immediately receive care and preservation, but this Board reserves the right to place any lot upon the list of perpetual care lots whenever in their judgment the deposit with its accumulations warrants the same.

Rule 26.—Any person violating the provisions of any of the foregoing rules excepting the rules numbered respectively 1, 11, 14, 19, 21, 22, 23 and 24 shall be subject to a penalty not exceeding twenty dollars for each and every offence.

Any person violating the provisions of rule 11, shall be subject to the forfeiture provided in Public Statutes, Chapter 207, Section 50, viz.:—not less than five nor more than one hundred dollars.

JAMES DELANO, Chairman.

JOHN G. NICHOLSON,

CHARLES H. VINAL, Secretary.

Cemetery Board.

Forms of Certificates, Designations, Assignments, Orders, Etc., may be obtained at the office of the Cemetery Board, Merchants Bank Building, Room No. 304.

In Board of Aldermen,

January 11, 1900.

Received, ordered printed in the City Documents,  
and sent down for concurrence.

D. B. LEONARD, City Clerk.

In Common Council,

1 mo. 11, 1900.

Referred to the next Calendar.

WM. A. MACKIE, Clerk.

In Common Council,

1 mo. 25, 1900.

Concurred.

WM. A. MACKIE, Clerk.



1900—CITY DOCUMENT No. 16.

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ANNUAL REPORT

OF THE

INSPECTOR

OF

MILK, PROVISIONS AND ANIMALS,

FOR THE

YEAR ENDING DEC. 31, 1899.

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NEW BEDFORD:  
MERCURY PUBLISHING CO., CITY PRINTERS,  
1900.



# REPORT.

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NEW BEDFORD, Mass.,

December 31st, 1899.

*To His Honor the Mayor, the Board of Aldermen, and  
Council of the City of New Bedford:*

GENTLEMEN :—The report of this office is herewith respectfully submitted.

The main questions occupying the attention of this office are the procuring for the citizens of New Bedford pure, wholesome, standard quality milk and provisions, and it is gratifying to announce that New Bedford's milk supply is second to none in the state as to quality.

The Inspector's office at the corner of Acushnet avenue and Elm street is opened during business hours every day, and is visited by the public in all matters relating to the questions of milk, provisions and animals, such as bringing samples of milk and provisions for inspection and investigation, and making inquiries and complaints on various matters. All such complaints have been thoroughly and cheerfully investigated to the satisfaction of all parties interested.

No person need be in doubt about the purity of their milk supply, or the quality of meat, poultry, fish or provisions of any sort, when a visit to this office, provided by law for the use of the public, will give all needed information and assistance.

I have inspected over one thousand samples of milk and found them all up to or above the standard.

During the year just passed I have made a very thorough examination of all cattle, sheep and swine owned within the city limits, also of all barns and sheds where cattle are kept, especially in regard to the water supply and hygienic surroundings, such as light, drainage and ventilation of the places. I have condemned several, and caused alterations to be made improving the conditions in quite a number of other places where animals were kept, but on the whole, I have found very little to complain of, and much to commend, and am glad to announce that the cattle and their abodes are in better condition to-day than ever before.

I have caused to be killed during the year seven tuberculous cows and eleven glandered horses, proving my diagnosis to be correct by post mortem examination. When we consider that both of the above named fatal diseases are conveyed to the human family by infection and contagion, I think your honorable body will say that quite a little good has been done.

I have also quarantined all sick and debilitated animals coming under my notice during the year, have also condemned large quantities of vegetables, fruit, pork, poultry, etc., as being unfit for food purposes.

I inspect the slaughter of all animals killed for food purposes within the city limits, and condemn all that are diseased. In this connection I think it proper for me to say, that there are Jews and Gentiles, who scour the country, and buy up all the old hulks of cows, and slaughter them outside of the limits of our city, mostly in Dartmouth and then bring them into the City of New Bedford, and sell them around to the small stores and markets to be retailed out for food. These animals I have been informed are not inspected, thus allowing the venders an op-



portunity to place on sale for our use as food cancerous, tumefied, anæmic, and tuberculous beef, also veal which is under the requirements of law as to age. Now your honorable body may say why do you as Inspector allow such a state of things to exist, and I with the utmost respect will answer, that the man is not living who can tell beyond a doubt any thing about the diseased condition of animals before slaughter, after they have been killed and dressed for market, but your Honor and Gentlemen of the City Government, I have a remedy which I will humbly suggest for your consideration, that will settle the question beyond the shadow of a doubt, as far as relieving the whole situation is concerned, and put a stop to the whole business at once. My suggestion is as follows:—Let the city of New Bedford have a public slaughtering establishment, compel every butcher and vender of dressed beef and veal to slaughter at this public abattoir, where a thorough and careful inspection can be made, and all meats condemned that are unfit for food, and such as is fit, to be properly tagged by the inspector thus giving security to the retailer and consumer. This would be a long stride in the right direction and place our city far in advance of the majority of cities in the local meat supply for food purposes.

The costs of such an establishment would be trifling compared with the good results obtained. I will agree to see that all beef sold in New Bedford shall be free from disease, and all calves slaughtered for veal shall have eight incisor, full grown teeth of the first dentition on their lower jaw.

Mr. E. H. Gammons has offered a site for the erection of such an establishment as would be needed, and has agreed to remove and cremate all effete and waste material free of charge.

I have issued 360 licenses at fifty cents each, for the sale of milk, which is paid into the city treasury.

My duty is also to seize, quarantine, condemn and kill all animals suffering with contagious or infectious diseases after a thorough and careful examination and test, and it will be my great pleasure to strictly and impartially perform this duty to the best of my ability and the full extent of my authority, thus giving to the inhabitants of New Bedford as little danger as is possible of contracting these dreaded and fatal diseases.

Respectfully submitted,

DR. D. C. ASHLEY,

Inspector of Milk, Provisions and Animals.

IN BOARD OF ALDERMEN,

January 11, 1900

Received, ordered printed in the City Documents, and  
sent down for concurrence.

D. B. LEONARD, City Clerk.

IN COMMON COUNCIL,

I mo., 11, 1900.

Referred to the next calendar.

WM. A. MACKIE, Clerk.

IN COMMON COUNCIL,

I mo., 25, 1900.

Concurred.

WM. A. MACKIE, Clerk.



CITY OF NEW BEDFORD.

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LIST OF JURORS.

1900

As Prepared by the Board of Registrars of Voters.

Approved by the Mayor and Aldermen

March 20, 1900.

CITY CLERK'S OFFICE,

March 21st, 1900.

This certifies the following to be a correct list of persons prepared as provided by law to serve as Jurors for the year 1900.

Attest :

DANIEL B. LEONARD,

City Clerk.



## LIST OF JURORS.

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### A

Adams Charles H. 535 County, no occupation  
Adams Stephen F. 118 Mill, dry goods  
Adshead Frank, 64 Spruce, machinist  
Ainsworth Joshua, 179 Austin, laborer  
Akin James, 24 North, mechanic  
Albiston, Roger W. 100 Hillman, tailor  
Allen Abraham A. 2d, 223 Shawmut av, farmer  
Allen Andrew H. 382 Kempton, mason  
Allen Daniel E. 76 Shawmut av, butcher  
Allen James H. 103 Chestnut, machinist  
Allen Luke, 473 Kempton, carpenter  
Allen Peleg H. S. W. 190 Summer, machinist  
Alley, Alfred G. Jr., 53 Chestnut, grocer  
Ames Yorick W. 325 Middle, janitor  
Andress Benjamin A. 408 Kempton, clerk  
Anthony Benjamin, 98 Madison, publisher Standard  
Anthony Benjamin H. 104 South Ash, clerk  
Anthony Elisha D. 7 Maple, broker  
Anthony George W. Emerson, druggist  
Arey Allen C. 159 Washington, gas fitter  
Armitage James H. 428 Pleasant, clerk  
Arnott George, 12 Margin, spinner  
Ashley A. Davis, 947 Acushnet av, pat. med. dealer  
Ashley Henry T. w. s. Acushnet av, farmer  
Ashley Isaac L. 66 Spring, stable  
Ashley Joshua B. Jr. 33 North, marketman  
Ashley Roland R. 109 Cove, real estate dealer  
Atwood Herbert M. 49 Smith, carpenter  
Atwood William W. 244 Pleasant, shoemaker



## B

Bachelor Ward C. 200 Grinnell, retired  
Bailey George P. 364 Kempton, druggist  
Baker Ansel G. 183 Fourth, machinist  
Baker Benjamin, 45 Chestnut, bookkeeper  
Baker Michael A. 82 Chestnut, master mariner  
Bancroft Julius V. 194 Pleasant, street sprinkler  
Bannister John W. 194 Pleasant, merchant  
Bannon John H. 11 Hyacinth, plumber  
Bannon William F. 11 Hyacinth, clerk  
Barrows Eugene M. 662 County, paint manufacturer  
Barry Richard, Jr. 285 Cedar, clerk  
Bartlett Clarence H. 450 County, clerk  
Bassett Andrew H. w. s. Tobey road, butcher  
Bassett Charles H. w. s. Tobey road, butcher  
Bassett Ellery R. 166 Mill, electrician  
Bassett William A. 15 Chestnut, fish dealer  
Bates Edwin A. 154 North, real estate  
Bates James W. 281 Cottage, grocer  
Bates Lot B. 425 Acushnet av, grocer  
Bates Orrin, 62 Hillman, confectioner  
Baylies Charles S. 122 Bedford, clerk  
Bearse Clarence A. 7 Franklin, carpenter  
Beetle John H. East French av, lumber surveyor  
Bell Joseph H. 304 County, carriage maker  
Bennett Samuel R. 79 Chestnut, merchant  
Bennett William H. 5 Richmond, grocer  
Bentley George B. 24 Mosher, top roll coverer  
Bentley Loren T. 40 Bowditch, second hand  
Bentley Samuel E. 69 County, retired  
Bessey James A. 110 No. Ash, printer  
Bisbee Frank M. 42 Fifth, agent  
Blackmer Herbert A. 117 Cottage, druggist  
Blake George A. 183 Kempton, clerk  
Blauensteiner Frank, 97 Middle, grocer  
Bly Leslie A. 37 Madison, machinist  
Bly William L. 67 So. Sixth, clothing  
Boomer Edwin A. 121 State, millinery  
Booth Edward H. 35 Durfee, car inspector  
Booth Francis A. 460 County, accountant

# LIST OF JURORS.

5

Booth Zachariah E. 320 County, bookkeeper  
 Borden Charles F. 275 County, pattern maker  
 Borden George B. Rockdale av, farmer, Ward 1  
 Borden Harrison T. 10 Fair, wood and coal  
 Borden Prince S. 220 Kempton, master mariner  
 Borden Thomas J. 5 Stone, machinist  
 Bosworth Peleg, 195 Shawmut av, farmer  
 Bouchard John, 31 Richmond, barber  
 Bowen George H. 63 No. Second, moulder  
 Bowman George L. 19 Shawmut av, nurse  
 Bradley William E. 300 County, foreman liv. stable  
 Braley Jasper W. Jr. 619 County, grocer  
 Brawley Edward L. 68 Walden, clerk  
 Briggs Allen G. w. s. Tobey road, blacksmith  
 Briggs Charles F. 311 County, teamster  
 Briggs George E. 1 Fair, builder  
 Briggs Philip S. 173 Acushnet av, bicycle dealer  
 Brightman Edward T. 42 Campbell, provision dealer  
 Brightman George F. 1242 Ac. av, master mariner  
 Brightman Harry C. 187 Pleasant, clerk  
 Brightman Harry S. 101 Allen, polisher  
 Brightman Leander, 29 Madison, merchant  
 Brightman Lewis M. 76 Bedford, boiler maker  
 Brightman L. Merton, 29 Madison, clerk  
 Broadmeadow George, 101 Durfee, machinist  
 Brock George P. 106 Arnold, collector  
 Bromley David, 951 So. Water, grocer  
 Brooks John B. 54 Chestnut, engineer  
 Brown Charles H. 25 Willow, clerk  
 Brown James, 197 Coffin av, farmer  
 Brown James H. 212 North, machinist  
 Brown Oliver F. 139 Cottage, retired  
 Brown William L. G. 114 Sycamore, florist  
 Brownell Charles H. 99 Florence, marketman  
 Brownell Charles T. 153 Mt. Pleasant, farmer  
 Brownell Elmer W. 83 Florence, grocer  
 Brownell Elnathan C. 354 County, marketman  
 Brownell Gilbert K. Reed, shoe dealer  
 Brownell Herbert J. 109 Campbell, clerk  
 Brownell Myron W. 75 Hillman, paint manufacturer  
 Brownson George L. 1043 Acushnet av, conductor

Buchell Charles N. 5 Foster, shoe dealer  
Bunker Elihu, 401 Purchase, druggist  
Burbank John T. 68 Parker, bookkeeper  
Burgess Charles T. 74 Willis, shoecutter  
Burgess George W. 68 So. Sixth, machinist  
Burns Robert O. 215 Arnold, clerk  
Bush Andrew M. 383 Purchase, tailor  
Butler Harry W. 51 Locust, reporter

## C

Caldwell Albert F. 101 No. Ash, carpenter  
Cannon Albert, 34 Willis, clerk  
Carney John F. 805 So. Water, clerk  
Carroll William E. 580 Kempton, carriage maker  
Carter Edward H. 275 Pope, carpenter  
Carter John W. 71 Cedar, porter  
Case Isaac R. 625 County, clerk  
Cavanaugh Jeremiah L. 72 So. Second, blacksmith  
Chadwick Edward E. 140 Summer, meat & provis'ns  
Chadwick Joseph W. 103 Oak, foreman Twist Drill  
Champion John T. Court cor Liberty, tailor  
Channing William R. 366 Union, dentist  
Chase Charles F. Howard av, carpenter  
Chase Ira M. 37 Fifth, bookkeeper  
Chase Joseph H. 319 Park, ship carpenter  
Chase Walter F. 17 Fifth, ship carpenter  
Chase William F. 318 Mt. Pleasant, farmer  
Chase William R. 345 Cottage, insurance agent  
Chausse Joseph, 126 Mt. Pleasant, grocer  
Churchill Benjamin J. 428 Kempton, gas fitter  
Clark Charles F. 119 Kempton, pattern maker  
Clark Frederick C. 42 Dartmouth, clerk  
Clark John J. 2 Clay, frame maker  
Cleveland George H. V. D. 69 Forest, baker  
Clifton Jireh W. 342 Purchase, plumber  
Clynes Thomas J. 5 Wall, clerk  
Cobb George A. Bridge road, tinman  
Coddington Seth E. 8 Spruce, bottler  
Coe Isaac H. Jr. 124 Washington, carpenter  
Coit Manuel, 3 Warwick, clerk

## LIST OF JURORS.

7

Cole George F. 112 Fourth, carriage dealer  
 Cole Theodore W. 74 Hillman, marble worker  
 Cole William, Jr. 66 South Sixth, treas. Co-op Ass'n  
 Collins George A. Jr. 178 Fourth, second hand  
 Cook Charles E. 1042 Acushnet av, real est. agt  
 Cook Frederick B. 18 Pleasant, janitor  
 Cook Samuel H. 97 Madison, insurance agent  
 Cook Thomas W. 396 Union, cotton broker  
 Cooke Frank T. 266 Fourth, baker  
 Cooke Robert, 266 Fourth, baker  
 Cooper William E. 551 Kempton, grocer  
 Corey David A. 77 Ashland, machinist  
 Cornell Charles C. e. side Jenney Lind, market  
 Cornell John W. 151 Middle, broker  
 Corson Henry T. 643 County, druggist  
 Cory Andrew T. east side Hathaway road, farmer  
 Cory George A. 138 State, carpenter  
 Coxen Charles H. 109 Durfee, grocer  
 Craig William H. 170 Chancery, carpenter  
 Cranston William W. 143 Washington, upholster  
 Crapo George G. 168 Shawmut av, teamster  
 Croacher Thomas W. 121 Fifth, sash and blind mak  
 Cross William O. 61 Summer, carpenter  
 Crowley Timothy, 111 Cedar, machinist  
 Cummings Benjamin, 31 Clinton, grocer  
 Cummings Benjamin T. 271 County, clerk  
 Cummings Frank A. 116 Fourth, grocer  
 Cunningham Patrick, 131 So. Second, machinist  
 Curtis Leonard O. 109 Newton, music teacher  
 Cushing Charles F. 426 Union, merchant  
 Cushman Herbert E. 85 Cottage, agent

## D

Dantsizen Frank M. 22 Madison, cabinet maker  
 Dantsizen John G. 25 Cedar, upholsterer  
 Darling Frank M. 490 Acushnet av, clerk  
 Darling William, e. s. Tobey road, farmer  
 Davenport Augustus M. Elm and Palmer, painter  
 Davis Charles E. 17 Chestnut, machinist  
 Davis Edward G. 195 Shawmut av, florist

Davis Henry V., Jr. Ocean cor. Arnold, foreman  
Davis Herbert E. 135 Locust, motorneer  
Davis John E. w. s. Rockdale av, florist  
Dawe Fred C. 213 Weld, machinist  
Dean A. Herbert, 217 Middle, clerk  
Dean Charles F. 59 Elm, painter  
DeCoff James E. 88 So Sixth, shipping clerk  
Dehn George R. 5 Linden, baker  
Delano Charles H. 9 Myrtle, machinist  
Delano George H. 9 Smith, conductor  
DeWolf Alfred W. 56 Hill, hardware dealer  
Dexter Howard N. 56 Campbell, shoemaker  
Dick James S. 194 Arnold, merchant  
Diman Henry B. 123 Rockland, merchant  
Dinnigan Daniel G. 178 Fourth, publisher  
Dion Jean B. 78 Mt. Pleasant, merchant  
Dollard John H. 42 Ash, marble worker  
Donaghy Thomas Jr. 103 Acushnet av, clerk  
Douglass Charles Z. Pierce, steward  
Douglass Frank M. 18 Cedar, druggist  
Drake Albert B. 121 Cottage, civil engineer  
Drake Charles E. 160 William, civil engineer  
Driscoll Daniel F. 37 Linden, grocer  
Dugan Edward P. 130 So. Second, grocer  
Dunham Zaccheus C. 79 Forest, collector  
Dwight James E. 137 Fourth, grocer

## E

Easton Charles F. Jr. 555 Kempton, barber  
Eddy George M. 8 Maple, retired  
Eggers George A. 72 So. Chancery, gunsmith  
Elder Samuel H. 103 School, commercial traveler  
Ellison Henry W. 56 So. Emerson, merchant  
Emery John C. 57 Bedford, Twist Drill  
Ennis Charles T. 114 Fourth, clerk  
Ennis John H. 17 Maitland, painter  
Estes Andrew L. 115 Campbell, carpenter



## LIST OF JURORS.

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### F

Fairchild Thomas H. 170 Fourth, druggist  
 Farnham George W. 54 Hillman, boatbuilder  
 Faunce Charles L. 13 Pope, carpenter  
 Ferguson James, 49 State, shoemaker  
 Field Edward H. 286 Pleasant, clerk  
 Field Lynn A. 2 Foster, printer  
 Fisher Sidney S. 442 Pleasant, motorman  
 Foley William F. 1017 Purchase, weaver  
 Folger Charles E. 61 Hillman, bookkeeper  
 Footman John W. 72 State, blacksmith  
 Ford N. Ernest, 67 Willis, agent  
 Fowler William, 332 Cedar, assistant supt.  
 Freeman George H. 23 Seventh, ink manufacturer  
 Fuller Frederick S. 92 Hillman, bookkeeper  
 Fury Bartholomew P. 501 Purchase, salesman

### G

Gabriel Samuel E. Willis street court, driver  
 Gammons Edgar H. 22 Grand, teamster  
 Gardiner Ezekiel C. 14 Crapo, stable keeper  
 Gardner Oliver H. 48 North, carpenter  
 Geils Charles H. 76 Thomas, reporter  
 Gibbs John L. 32 Shawmut av, watchman  
 Gibbs John L. 2d, 72 State, supervisor of buildings  
 Gibbs William H. H. 59 Shawmut av, eylet maker  
 Gibson Samuel S. west side Tobey road, mason  
 Gifford Abraham, 355 Court, carpenter  
 Gifford Pardon B. 101 Morgan, reporter  
 Gifford Richmond A. 101 Cedar, clerk  
 Gifford Thomas J. 15 Ashland, plumber  
 Gifford Timothy M. 44 State, clerk  
 Goff Charles H. 11 Emerson, carpenter  
 Goff George H. e. s. Florence, carpenter  
 Gooding Robert A. 177 Cedar, carpenter  
 Gorham Robert S. 79 Morgan, clerk  
 Greene Matthew L. 191 No. Second, machinist  
 Greer George, 342 Middle, retired  
 Grundy James, 230 So. Second, glassmaker  
 Gurney Frank J. e. s. Tobey road, farmer

## H

Habicht Frank A. 24 Elm, printer  
Hammond Edgar B. 66 North, architect  
Hammond Francis W. 70 North, carpenter  
Hammond Henry F. 79 Mill, carpenter  
Hammond John N. Tobey road, w. side, carpenter  
Hammond William J. 78 Morgan, twist drill  
Harding James G. 62 State, pump and plumber  
Harlow Michael F. 363 Coggeshall, grocer  
Harrington John C. 68 Linden, billiard room  
Harrison Samuel, 108 Division, grocer  
Haskell Edward S. 21 Fifth, florist  
Haskins Elmore P. 95 Chestnut, carpenter  
Haskins Herbert K. 87 Chestnut, carpenter  
Hatch Joshua J. 500 Cottage, carpenter  
Hathaway Andrew B. Hathaway road, florist  
Hathaway Benjamin F. Jr. 506 Purchase, clerk  
Hathaway Charles R. 18 Campbell, laundryman  
Hathaway Franklin B. Elm & Palmer, bldg mover  
Hathaway Henry W. Hathaway road, farmer  
Hathaway James H. Tarkiln Hill road, butcher  
Hathaway James L. 72 Willis, bookkeeper  
Hathaway Jethro H. 498 Cottage, carpenter  
Hathaway John W. Hathaway road, farmer  
Hathaway William E. 411 Cedar, hay and grain dealer  
Hawes Frederick B. Tobey road, bookkeeper  
Hawes William, 60 Sycamore, retired  
Hayden Abram L. 181 Smith, janitor  
Headley Phineas Camp, Jr. 5 Lincoln, cotton broker  
Healey Edward H. 235 Park, grocer  
Healey Thomas F. n. s. Belleville rd, real est. agent  
Herlihy Patrick, 928 Acushnet av, stone cutter  
Hervey E. Williams, 191 Hawthorn, retired  
Higgins Edward O. 356 Reed, plumber  
Hillman Benjamin, 101 Maxfield, painter  
Hillman Frederick G. 1036 Acushnet av, clerk  
Hillman George W. 1036 Acushnet av, mill supplies  
Hindle William T. 279 Pleasant, clerk  
Higham Hiram, Jr. 110 Merrimac, overseer  
Hitch Frank B. 105 Elm, clerk



## LIST OF JURORS.

11

Hitch Hardy, 18 Willis, upholsterer  
 Hitch Otis L. 35 So. Emerson, upholsterer  
 Holden Charles H. 327 Cedar, manager  
 Holloway Arod B. 24 Homer, mason  
 Homer Frederick A. 4 Arch, merchant  
 Homer George S. 4 Arch, merchant  
 Howland Daniel W. 305 W. Maxfield, tailor  
 Howland Ellis L. Bedford and Borden, reporter  
 Howland Ezra, 284 Union, farmer  
 Howland Henry, 280 Pleasant, stove dealer  
 Howland Paul, Jr. 91 State, engraver  
 Hoxie Frank C. 155 Washington, grocer  
 Humphrey Daniel F. 170 Ashland, conduct. elec. road  
 Humphrey James L. Jr. 89 State, butter dealer  
 Hunt Leander W. 4 Foster, merchant tailor  
 Hunt Samuel C. 147 Maxfield, architect  
 Hussey Charles H. rear 338 Kempton, teamster

## J

Jackson George, s. s. Perry, mason  
 Jackson Thomas W. 591 W. Maxfield, barber  
 James Clarence H. 181 Fourth, accountant  
 Janell Henry F. 596 Purchase, stonecutter  
 Jenney Benjamin F. 43 Arch, no occupation  
 Jenney Charles C. 1 Bay, machinist  
 Jenney Harry C. Smith and Walden, superintendent  
 Jenney Henry P. w. s. Acushnet av, real estate agent  
 Jenney Perry P. 151 Kempton, machinist  
 Jenney William B. 174 Grinnell, mason  
 Jenney William T. 170 Grinnell, accountant  
 Jennings Clark H. 357 Reed, driver  
 Jennings Frank M. Jennings court, machinist  
 Jennison Charles J. 17 Franklin, pattern maker  
 Jones Frank M. 119 Parker, foreman

## K

Kane James T. 80 Fifth, contractor  
Keen Charles F. 79 Locust, carpenter  
Keen Leonard, Jr. 39 Parker, carpenter  
Kelleher Daniel, 300 Purchase, bomb lance manf'r  
Kelleher Daniel J. 433 Purchase, printer  
Kelley L. Aubert 253 Acushnet av, pressman  
Kelley William E. 158 Grinnell, bookkeeper  
Kelley William L. 478 County, jeweler  
Kenyon Henry W. 910 Acushnet av, no occupation  
Kern William E. 76 Forest, painter  
Kilburn Frank J. 264 County, machinist  
King Burgess T. w. s. Elm n. Reed, carriage maker  
King Isaiah, 67 No. Ash, jobber  
King Philip R. 95 Willis, carriage maker  
King William H. 305 Middle, laborer  
Kingman Gilbert D. 159 Cottage, clerk  
Kirby Charles L. 421 Union, salesman  
Kirby George, Jr. 672 County, paint manufacturer  
Kirk John F. 143 State, grain business  
Knowles John P. Jr. 485 County, retired  
Knowles Thomas P. 637 Purchase, plumber  
Knowles Walter I. 216 Middle, clerk  
Knox William J. 183 Campbell, clerk

## L

Lagasse Adolph P. 128 Rivet, undertaker  
Lamb William G. 406 Union, janitor  
Lanagan Daniel P. 12 Walnut, junk dealer  
Lapham Leonard C. 183 Pleasant, clerk  
Lawrence Cyrus T. w. s. Tobey road, retired  
Lawton Charles H. 89 Elm, retired  
Leach William H. H. 75 Sycamore, trav. salesman  
Leach William W. 163 Maxfield, clerk  
Leary Dennis Jr. 278 Austin, blacksmith  
LeBaron Alonzo T. 46 Hill, eylet maker  
Lees Albert, Woodlawn av, electrician  
Lees Sidney, 244 Rivet, overseer  
Lewin Charles, 247 Cedar Grove, loom fixer

## LIST OF JURORS.

13

Lewis Edgar R. 718 County, clerk  
 Lewis William J. 717 County, cotton broker  
 Lincoln Arthur F. 286 Pleasant, conductor  
 Linton Frank I. 107 Maxfield, carriage maker  
 Lord Joseph, 15 Franklin, grocer  
 Louis Thomas W. 7 Spruce, barber  
 Lovejoy Thomas J. 627 Purchase, burnisher  
 Lucas Everett A. n. s. Hathaway av, carpenter  
 Luce Charles T. 87 State, clerk  
 Luce Thomas E. 201 Cedar, grocer  
 Luce William T. Jr. Mill north of Florence, greer  
 Luscomb Frederick W. 101 Maxfield, machinist  
 Lyons Thomas H. 63 Robeson, driver

## M

Macomber George P. 774 County, copper works  
 Macomber Pardon A. 201 Kempton, agent  
 Macomber William B. 74 State, retired  
 Macy Arthur W. 161 Grinnell, jeweler  
 Macy Frederick B. 22 Parker, paymaster  
 Maine Henry M. 36 North, carpet cleaner  
 Manseau John D. 30 Durfee, clerk  
 Martin Edward H. 32 North, reporter  
 Marts Andrew M. 295 Palmer, engineer  
 Mason John L. G. 53 North, mason  
 Maxfield Frederick T. 191 Kempton  
 McAfee John K. 63 Fifth, fruit dealer  
 McAuliffe Dennis J. 276 Coggeshall, janitor  
 McCann James L. rear 61 Middle, stonecutter  
 McCarty Mortimer, 27 Clark, teamer  
 McCullough John, Jr. 55 Maxfield, merchant  
 McDonald Hugh J. 195 So. Second, carriagesmith  
 McSweeney Myles, 83 Rivet, teamster  
 Meaney John J. 25 Crapo, carpenter  
 Meaney Thomas J. 25 Crapo, real est. agent  
 Merritt George H. Plainville road, farmer  
 Metcaff Frank M. 69 Mechanics lane, civil eng'r  
 Milliken Edward N. 287 Pleasant, eylet maker  
 Milliken George H. 26 Seventh, dry goods  
 Milliken Lewis E. 73 Hillman, grocer

Mills William J. 809 County, no occupation  
Monroe Frederick S. 474 Kempton, stenographer  
Moriarty, John E. 133 Fourth, undertaker  
Morse Ansel C. 2 Bay, grocer  
Morse Leonard H. 729 County, shoemaker  
Morse Leonard H. Sr. 469 Acushnet av, teamster  
Morse Willard H. 271 Pleasant, dry goods  
Mosher Charles A. 202 Rockland, carpenter  
Mosher Charles H. Rockdale av, ice dealer  
Mosher Frank T. 216 Rockland, carpenter  
Mosher Frederick W. 219 Fourth, carriage maker  
Mottram George S. 32 Stapleton, store keeper  
Moulton Augustus G. 56 Hill, bookkeeper  
Murphy Dennis E. 24 Katharine, spinner  
Murphy Edward M. 31 Richmond, clerk  
Murphy Francis J. 96 So. Sixth, engraver  
Murphy Timothy J. Jr, 180 So. Second, fish market  
Myrick Walter R. 13 Eighth, clerk

## N

Neal George A. 61 Morgan, shoe dealer  
Nichols Andrew F. 39 Bullock, shoe cutter  
Nichols Leander P. 49 North, shoe dealer  
Nickerson Harry W. 26 Madison, printer  
Nofftz Richard, 969 Kempton, florist  
Norcross John C. 345 Reed, mason  
Norton Thomas J. 52 Locust, foreman  
Nye Frederick L. 324 Park, clerk  
Nye George E. 359 County, machinist  
Nye Pemberton H. 709 County, merchant

## O

O'Brien John N. 567 Cottage, wood and coal  
Oesting F. William, 51 Fifth, trader  
Offley John R. 289 Hillman, barber  
Oliver George L. 2 Morgan terrace, express manager  
Oman Charles A. 14 Allen, overseer  
Omerod James, 1039 County, shoemaker  
O'Neal William H. 406 Union, foreman  
O'Rourke William H. 44 Independent, insurance  
Owen Alfred, 86 Fruit, grocer

## P

Paige James H. Mill road, grocer  
Paine Olin S. 87 State, clerk  
Parker James N. 91 School, salesman  
Parsons Thomas L. 131 Elm, broker  
Paul John W. 71 Morgan, insurance agent  
Pease William W. 234 Shawmut av, machinist  
Peckham Frank B. 117 Court, fish dealer  
Peckham Frank H. 59 School, teamster  
Peckham Israel H. w. s. Tobey road, blacksmith  
Peckham James P. lane off Toby road, painter  
Peirce Harry M. 71 Willis, bookkeeper  
Pell Walter D. 428 Kempton, janitor  
Penney B. Frank, 2 Spruce, printer  
Penney Edward F. 266 County, plumber  
Perkins John A. 159 Hillman, roofer  
Perry Henry C. 671 County, grocer  
Perry Samuel H. 111 Hillman, hat dealer  
Phinney Nathan D. 221 Pleasant, gents' furnishings  
Phinney Otis B. 84 Elm, clerk  
Pierce Edward M. 54 State, stable  
Pierce Erskine H. 50 Fifth, mill supplies  
Pierce Lloyd D. 72 Hillman, accountant  
Plummer Charles W. 163 Hawthorne, merchant  
Plummer Walter E. 29 Willis, clerk  
Pollock Frederick O. 171 Mill, janitor  
Pool Arthur T. Plainville road, teamster  
Pool Willard G. 232 Shawmut av, carpenter  
Pope Abner P. 63 Thomas, carpenter  
Potter Charles W. H. 209 Summer, carpenter  
Potter Edwin L. 60 Dartmouth, grocer  
Potter Frederick S. 143 Hawthorne, broker  
Potter Stephen R. 479 County, clerk  
Powers John J. 180 Purchase, real estate  
Priaux Peter, 177 Arnold, gardener  
Price Charles R. Arnold Place, treas. N. B. Gas & Edison Electric Light Co.  
Proulx Joseph, 26 Reynolds, druggist



## R

Randall Charles G. 76 So. Sixth, lumber dealer  
Raymond Calvin, Jr. 104 Smith, expressman  
Raymond Charles, 85 Sycamore, milk dealer  
Raymond Josiah K. 83 Sycamore, retired  
Reed Edmund A. 8 Fifth, clerk  
Reed Leander, 3 Bay, machinist  
Remington Emerald A. 19 Ashland, painter  
Remington John G. 73 Linden, carpenter  
Rexford George P. 68 School, machinist  
Reynolds Alonzo F. 243 Chestnut, car inspector  
Reynolds Edward G. 210 Pleasant, livery stable  
Reynolds William D. 178 North, salesman  
Rhodes John B. 95 Hathorne, eyellet mfr.  
Rice Adoniram J. 174 Washington, baker  
Richards George D. 107 Elm, house furnishings  
Richards William D. 61 Fifth, stable keeper  
Richardson John T. 93 Fourth, medicines  
Ricketson Levi, 336 Orchard, yachtsman  
Ricketson Orion, 146 State, plumber  
Riley John S. 162 Chancery, rope maker  
Riley Peter J. 109 Austin, boots and shoes  
Robinson Anthony, 239 Fourth, cigar manufacturer  
Robinson William, 400 Pleasant, packer  
Robinson William A. 84 Hawthorne, merchant  
Roseberry Joseph W. r. 28 Ac. av, loom fixer  
Roy Arthur, 159 Coggeshall, teamer  
Ruggles John A. Jr. 145 Summer, merchant  
Russell John A. w. side Tobey road, farmer  
Russell Nathaniel D. 31 Parker, retired  
Russell Pardon, Jr. n. s. Hathaway road, ice dealer

## S

Sadler George H. 22 Atlantic carriage trimmer  
Sampson Seth J. 137 Bonney, retired  
Sanders Henry V. 224 Pleasant, real estate agent  
Savage John, 688 Purchase, confectionery  
Sawtelle Frank C. 320 Cottage, merchant  
Saxon George E. 628 Purchase, retired

# LIST OF JURORS.

17

Sayer William L. 88 Willis, editor  
 Scammons Joseph H. 293 Austin, gardener  
 Schuler Jacques, 33 Sycamore, shoe dealer  
 Schwall James B. 25 Bonney, druggist  
 Searell Charles T. 59 Kempton, carpenter  
 Serpa Charles A. 48 So. Sixth, clerk  
 Shaw Charles F. 395 Purchase, assessor  
 Shaw Elmer H. 71 Fourth, variety store  
 Sherman Clifford J. 185 Fourth, real estate  
 Sherman Frederick W. 116 High, printer  
 Sherman James H. 192 Middle, plumber  
 Sherman James L. 43 Mill, lumber dealer  
 Sherman John D. 24 Vine, collector  
 Shurtleff Israel H. 252 County, druggist  
 Slocum Francis R. 5 Maple, furniture dealer  
 Smith Abbott P. 25 Seventh, real estate  
 Smith Alexander T. 89 Mill, clerk  
 Smith Emerson, 83 Linden  
 Smith George, 71 Bonney, mill overseer  
 Smith George T. 107 Cedar, gas fitter  
 Smith Henry W. 27 Seventh, photographer  
 Smith Hoyland, 229 Acushnet av, bicycle dealer  
 Smith James, 91 County, spinner  
 Smith John, 276 Coggeshall, weaver  
 Smith Nathaniel C. 597 County, architect  
 Smith Shubael D. Jr. 81 Mill, clerk  
 Smith William E. 9 Arch, dye house  
 Snell William G. 281 Park, foreman  
 Snow Henry K. 83 Sycamore, bookkeeper  
 Snow Loum, Page, merchant  
 Sowle Frederick L. 26 Sycamore, hardware  
 Spooner Albert F. e. s. Tobey road, carpenter  
 Spooner Arthur C. 182 Chancey, clerk  
 Spooner Edward F. 682 Kempton, ice dealer  
 Spooner John A. 2d, e. s. Tobey road, carpenter  
 Spooner Roswell, e. s. Tobey road, farmer  
 Spooner William E. 18 Bedford, Nut & Lock Co.  
 Stanley Ned A. 80 State, dentist  
 Stedman Lewis W. 104 Fifth, insurance agent  
 Stetson George R. 67 Bedford, Pres. Gas Co.  
 Stevens Henry A. Rockdale av, painter



Stirritt John H. 104 No. Ash, tinsmith  
Stone Francis H. 35 Arnold, master mariner  
Stowell Alexander T. e. s. Rockdale av, shoemaker  
Stowell Benjamin I. s. s. Elm e. of Reed, teamster  
Studley Alfred G. 5 Foster, bookkeeper  
Swift Anderson H. 74 South, carriage trimmer  
Swift Edward B. 38 Willis, florist  
Swift Ezra J. 18 Campbell, yeast dealer  
Swift George B. 83 Mill, clothing dealer  
Swift John F. 369 Purchase, accountant  
Swift Thatcher S. 118 So. Sixth, livery stable  
Sylvia Anthony L. 89 So. Sixth, merchant  
Sylvester Robert R. 380 Kempton, shoe dealer

## T

Taber Arthur K. 141 Summer, clerk  
Taber Edward C. e. s. Acushnet av, grocer  
Taber Henry G. 201 Park, machinist  
Taber Robert W. 48 Fifth, bookseller  
Taylor John W. 195 Acushnet av, machinist  
Taylor William H. 233 Acushnet av, machinist  
Thompson James O. Jr, 80 Willis, supt.  
Thompson Thomas, 136 No. Second, marble worker  
Thomson Pardon G. 10 So. Sixth, merchant  
Thorley Francis, 515 Rivet, carpenter  
Thornton John H. 50 Durfee, switchman  
Thornton Walter S. 18 Seventh, retired  
Tilden Andrew, 61 Cottage, confectioner  
Tilden Louis W. 65 Fifth, clerk  
Tillinghast Theodore F. 37 Eighth, retired  
Tilton Charles C. 396 Purchase, bookkeeper  
Tobey Warren P. 39 Locust, publisher  
Toomey Dennis H. rear 36 Linden, clerk  
Topham William B. 15 Elm, accountant  
Tourtellot William E. 65 Walden, printer  
Tripp Andrew W. Ashland, shoemaker  
Tripp Augustus C. 106 Ashland, grocer  
Tripp Christopher B. 12 Sherman, blacksmith  
Tripp Edwin I. 99 Florence, butcher  
Tripp Eliphalet A. 527 Cottage, agent

## LIST OF JURORS.

19

Tripp Frank G. 82 State, laundry  
 Tripp James H. 10 Allen, retired  
 Tripp Thomas B. 37 Allen, real estate agent  
 Truman George H. 2 Ashland place, loomfixer  
 Tuell Frank P. P. 302 County, market  
 Turner Elbridge A. Hathaway road, shoemaker

### U

Underwood Arthur P. 48 Mill, clerk

### V

Vaughan Harry C. 61 Borden, telegrapher  
 Vaughan Weston C. Jr, 323 Purchase, undertaker  
 Vinal Charles H. 56 Foster, accountant

### W

Wade Joseph B. 83 Willis, merchant  
 Waite Stephen E. 373 Purchase, piano tuner  
 Walker William H. 6 Sears, carpenter  
 Warren David, 255 State, livery stable  
 Warren Joseph C. 182 Cove, carpenter  
 Washburn Alanson R. 338 Cedar, grocer  
 Washburn Francis P. w. s. Tobey road, carpenter  
 Washburn George E. w. s. Tobey road, mechanic  
 Waterman William H. 9 Arch, retired  
 Watkins James B. 20 Allen, retired  
 Watts William H. C. 8 West High, vocalist  
 Webb Hezekiah, 622 Maxfield, porter  
 Weeden Fred M. 39 Dartmouth, clerk  
 Weld Abber E. 35 Dartmouth, britannia worker  
 Wentworth Frank W. 74 Walnut, merchant  
 West William F. north side Plainville road, painter  
 West William R. 321 Union, painter  
 Wheaton Ernest A. 324 Union, bottler  
 Wheaton Walter F. 64 Mill, publisher  
 Whitehead William, 127 Coggeshall, shoemaker  
 Whittaker Benjamin, 63 Robeson, electrician  
 Whittaker Edwin, 140 State, agent

Whittaker Henry, 643 Purchase, second hand  
Wiggins William H. 4 Emerson, coachman  
Wilbur Harry D. 441 Cottage, carpenter  
Wilcox Benjamin, 129 Clinton, superintendent  
Wilcox Charles A. 274 Cedar, carpenter  
Wilcox Frank S. 53 So. Sixth, broker  
Wilde Albert, 441 Pleasant, newsdealer  
Wilde Cyrus, 181 Shawmut av, mule spinner  
Wilde Edmond L. 325 Cottage, clerk  
Williams Manuel A. 137 County, clerk  
Wilson Daniel W. 43 Foster, retired  
Wilson William P. Shawmut av, merchant  
Wing Charles F. 37 So. Sixth, merchant  
Wing Charles H. 133 Chestnut, agent  
Wood Edmund, 6 Orchard, merchant  
Wood Edwin B. 95 Washington, clerk  
Wood George R. 57 Fourth, lumber dealer  
Wood James Augustus, 91 State, carriage maker  
Wood William B. 3 Popes Island, merchant  
Wood William H. 408 County, merchant  
Woodward Francis 352 Union, cotton broker  
Woodworth Charles E. 127 Cottage, jeweler  
Wordell Franklin B. 228 Pleasant, real estate  
Wrigley James, 280 Sawyer, overseer

## Y

York George A. 70 Russell, insurance agent  
York William, Rockdale av, clerk  
Young James A. 63 No. Second, bookkeeper

# CITY OF NEW BEDFORD.

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## ORDINANCES.

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In the Year One Thousand Nine Hundred.

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### AN ORDINANCE

REPEALING SECTION FOUR (4) OF CHAPTER XXX OF THE  
CITY ORDINANCES.

*Be it Ordained by the City Council of the City of New  
Bedford as follows:*

SECTION 1. Section four (4) of Chapter xxx of the  
City Ordinances is hereby repealed.

SECTION 2. This ordinance shall take effect upon its  
passage.

IN BOARD OF ALDERMEN, May 10, 1900.  
Passed to be ordained.

CHAS. S. ASHLEY, Mayor.

IN COMMON COUNCIL, 5 mo., 24, 1900.  
Passed to be ordained.

JOHN L. G. MASON, President.

Approved May 24, 1900.

CHAS. S. ASHLEY, Mayor.

A true copy. Attest:

D. B. LEONARD, City Clerk.

In the Year One Thousand Nine Hundred.

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## AN ORDINANCE

AMENDING SECTION TWO (2) OF CHAPTER XII OF THE CITY ORDINANCES ENTITLED "AN ORDINANCE RELATING TO BUILDINGS IN THE FIRE DISTRICTS."

*Be it Ordained by the City Council of the City of New Bedford as follows:*

SECTION 1. Section two of Chapter XII of the ordinances of the City of Bedford is hereby amended by inserting after the word "forth" in the seventh line of the fourth paragraph in clause first of said section, the following words, "Provided however, that the Committee on Buildings in the Fire Districts may by majority vote of the whole committee with the approval of the Mayor, thereto in writing permit, in the case of wooden buildings now erected in said limits, alterations or additions to be made thereto of wood," so that said paragraph as amended shall read as follows:

No person shall erect or cause to be erected any building or make or cause to be made any addition to any building already erected or in process of erection within the first fire limits hereby established, unless the same be constructed of brick, stone or iron, in the manner and of the materials, dimensions and upon the conditions herein set forth; "provided however, that the Committee on Buildings in the Fire Districts may by majority vote of the

whole committee, with the approval of the Mayor thereto in writing, permit, in the case of wooden buildings now erected in said limits, alterations or additions to be made thereto of wood," and unless there shall have first been filed with the Inspector of Buildings, when required by him, a duplicate copy of the plans and specifications under and by which the building or buildings or additions thereto are to be constructed, and unless such plans and specifications have the approval of the Committee on Buildings in the Fire Districts and of the Inspector of Buildings.

SECTION 2. This ordinance shall take effect upon its passage.

IN COMMON COUNCIL, 5 mo., 24, 1900.

Passed to be ordained.

JOHN L. G. MASON, President.

IN BOARD OF ALDERMEN, May 24, 1900.

Passed to be ordained.

CHAS. S. ASHLEY, Mayor.

Approved May 24, 1900.

CHAS. S. ASHLEY, Mayor.

A true copy.

D. B. LEONARD, City Clerk.

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